

Converting Colors

XYZ(78.0140, 80.8164, 86.7948)

Have a look what the booklet for
XYZ(78.0140, 80.8164, 86.7948)
contains.

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Color

**XYZ(78.2596, 81.0985,
87.1302)**

Conversions

Conversions Part 1

Format	Color
Hex	EEE7E7
RGB	238, 231, 231
RGB Percent	93%, 91%, 91%
CMY	0.0667, 0.0941, 0.0941
CMYK	0.00, 0.03, 0.03, 0.07
HSL	0°, 17%, 92%
HSV	0°, 3%, 93%
XYZ	78.2596, 81.0985, 87.1302
YIQ	233.0930, 4.1720, 1.4840

Conversions

Conversions Part 2

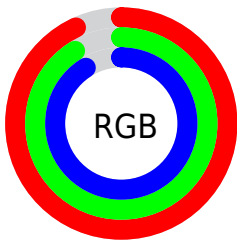
Format	Color
R _Y B	238, 231, 231
Decimal	15656935
CIE Lab	92.18, 2.36, 0.83
CIE LCh	92, 2.504, 19.332
Yxy	81.0985, 0.3175, 0.3290
Android (android.graphics.Color)	4293847015 (0xFFEEE7E7)
YUV	233.0930, -1.0318, 4.3034
Hunter-Lab	90.0547, -2.4751, 5.6737

Details

The XYZ color **78.2596, 81.0985, 87.1302** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.9621, 84.3098, 93.0016**, and the grayscale version is **77.5294, 81.5670, 88.8264**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.3592, 43.7002, 46.7598** is the 20% darker color. If you saturate the color by 10%, you get **68.9135, 67.4242, 68.5428**, and if you desaturate by 10%, it is **88.9722, 96.7721, 108.4301**.

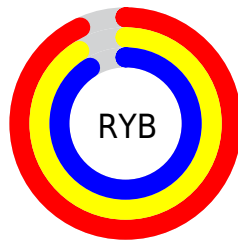
Distribution



Red (93%)

Green (91%)

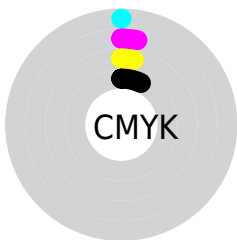
Blue (91%)



Red (93%)

Yellow (91%)

Blue (91%)

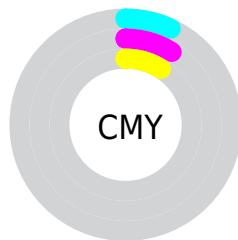


Cyan (0%)

Magenta (3%)

Yellow (3%)

Black (7%)



Cyan (7%)

Magenta (9%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.2596, 81.0985, 87.1302 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 78.2596, 81.0985, 87.1302 by changing the saturation by 10% instead.

■ 78.2596, 81.0985,
87.1302

■ 78.2596, 81.0985,
87.1302

477.8743,
498.6272, 538.9779

■ 58.5908, 60.6227,
65.0427

129.8794,
134.9091, 145.2461

■ 42.5289, 43.9208,
47.0442

162.5612,
169.0126, 182.1115

■ 29.7086, 30.6082,
32.7160

200.3113,
208.4276, 224.7401

■ 19.7645, 20.3007,
21.6396

243.4950,
253.5384, 273.5503

■ 12.3312, 12.6138,
13.3966

292.4779,
304.7293, 328.9606

■ 7.0435, 7.1632,
7.5683

347.6252,

■ 3.5359, 3.5644,

362.3848, 391.3896

3.7362

409.3022,
426.8893, 461.2559

■ 1.4431, 1.4330,
1.4817

■ 0.2866, 0.2408,
0.2043

■ 78.2596, 81.0985,
87.1302

■ 78.2596, 81.0985,
87.1302

■ 68.9135, 67.4242,
68.5428

■ 88.9722, 96.7721,
108.4301

■ 60.8723, 55.6588,
52.5540

■ 89.0703, 96.9174,
108.6202

■ 54.0803, 45.7207,
39.0498

■ 48.4746, 37.5182,
27.9054

■ 43.9873, 30.9518,
18.9854

■ 40.5435, 25.9120,
12.1408

■ 38.0590, 22.2756,
7.2042

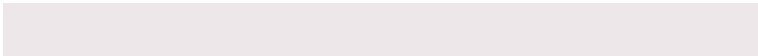
■ 36.4367, 19.9009,
3.9823

■ 35.5593, 18.6159,
2.2412

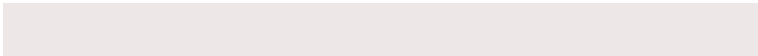
Harmonies

Analogous

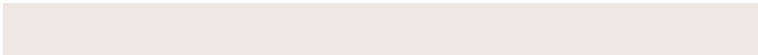
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.3087, 81.0985, 88.9626



78.2596, 81.0985, 87.1302



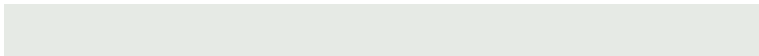
77.8939, 81.0985, 85.6319

Triad

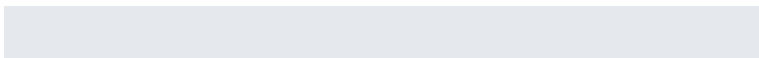
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.2596, 81.0985, 87.1302



76.1435, 81.0985, 86.0047



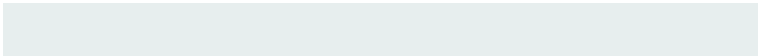
76.8520, 81.0985, 91.8443

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



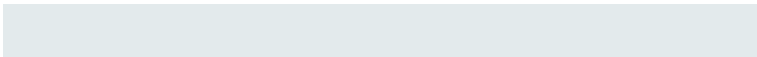
78.2596, 81.0985, 87.1302



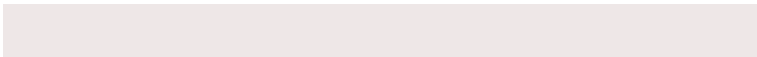
78.9621, 84.3098, 93.0016

Split Complementary

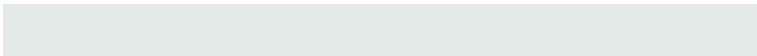
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.2751, 81.0985, 91.0280



78.2596, 81.0985, 87.1302



75.8676, 81.0985, 87.6457

Square

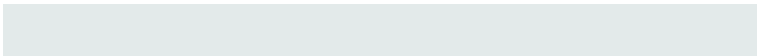
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



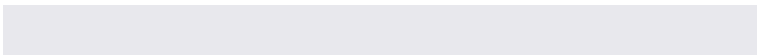
78.2596, 81.0985, 87.1302



76.6713, 81.0985, 84.9884



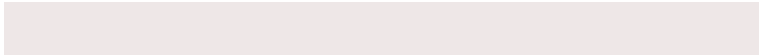
75.9157, 81.0985, 89.4852



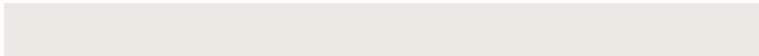
77.4936, 81.0985, 91.7016

Rectangle

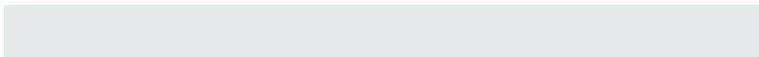
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



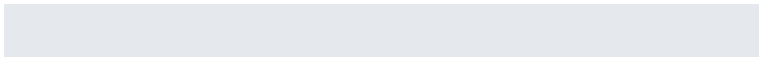
78.2596, 81.0985, 87.1302



77.5209, 81.0985, 85.0161



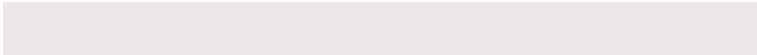
75.9157, 81.0985, 89.4852



76.6442, 81.0985, 91.6725

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



78.2619, 81.1020, 87.1320



93.8345, 98.2216, 106.4828



79.2695, 81.5033, 92.4437



20.0972, 21.0422, 22.8172



0.0000, 0.0000, 0.0000



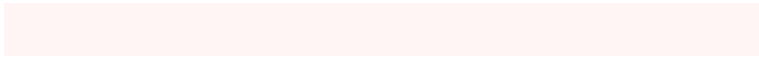
20.3446, 21.4041, 23.3091

Same Dimension

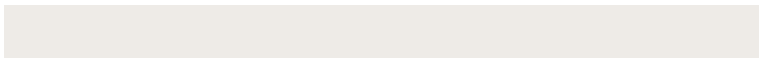
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.2619, 81.1020, 87.1320



90.2846, 93.0278, 99.4239



79.2502, 83.0786, 87.4614



16.7557, 17.1973, 18.3134



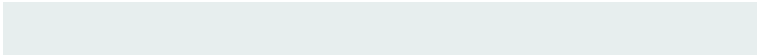
19.6726, 10.1433, 0.9210



1.6368, 0.8443, 0.0767

Inverse Universe

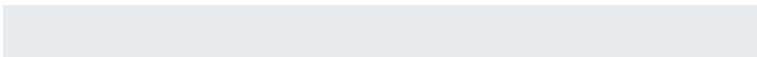
The Inverse Universe completely reimagines the original color for something new.



78.9621, 84.3098, 93.0016



91.3946, 98.1128, 108.7284



77.9541, 82.2939, 92.6656



17.0000, 18.3163, 20.3610



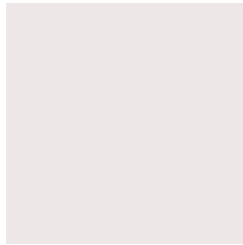
25.6455, 37.5152, 51.0174



2.1337, 3.1214, 4.2443

Previews

White Background



This preview shows how the XYZ color 78.2596, 81.0985, 87.1302 looks on a white background.

Color Contrast Check

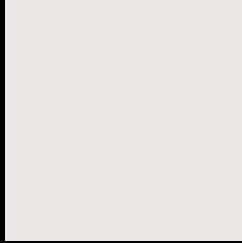
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 78.2596, 81.0985, 87.1302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

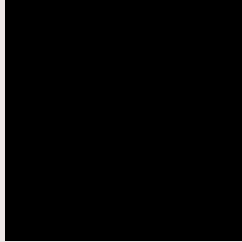
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

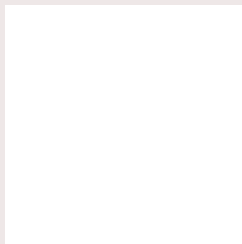
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.2596, 81.0985, 87.1302

Background



This preview shows how black text looks on a background with the XYZ color 78.2596, 81.0985, 87.1302.



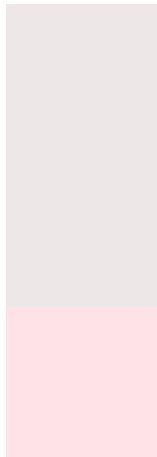
This preview shows how white text looks on a background with the XYZ color 78.2596, 81.0985,

87.1302.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

78.2596, 81.0985, 87.1302

Protanopia

77.9248, 80.9259, 87.1145

Deuteranopia

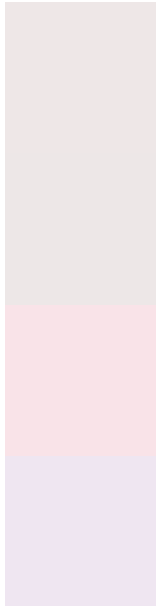
82.7307, 80.9366, 87.6059



Tritanopia

80.7430, 81.2793, 99.4285

Trichromacy



Original Color

78.2596, 81.0985, 87.1302

Protanomaly

77.9248, 80.9259, 87.1145

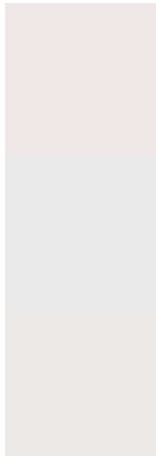
Deuteranomaly

81.1015, 80.9041, 87.6855

Tritanomaly

79.7706, 81.2952, 94.7063

Monochromacy



Original Color

78.2596, 81.0985, 87.1302

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.6831, 81.2016, 87.9231

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.2596, 81.0985, 87.1302 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(238, 231, 231) looks like.

```
.text, #text, p{  
    color:rgb(238, 231, 231)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(238, 231, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 231, 231) }
```

Border

The CSS property to change the border of an element to XYZ 78.2596, 81.0985, 87.1302 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(238, 231, 231) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(238, 231, 231) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(238, 231, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 231, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 231, 231);  
box-shadow:4px 4px 4px 4px rgb(238, 231,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 78.2596, 81.0985, 87.1302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 231, 231) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(238,  
231, 231) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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