

Converting Colors

XYZ(78.7719, 82.1655, 88.7986)

Have a look what the booklet for
XYZ(78.7719, 82.1655, 88.7986)
contains.

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Color

**XYZ(78.7719, 82.1655,
88.7986)**

Conversions

Conversions Part 1

Format	Color
Hex	EDE9E9
RGB	237, 233, 233
RGB Percent	93%, 91%, 91%
CMY	0.0706, 0.0863, 0.0863
CMYK	0.00, 0.02, 0.02, 0.07
HSL	0°, 10%, 92%
HSV	0°, 2%, 93%
XYZ	78.7719, 82.1655, 88.7986
YIQ	234.1960, 2.3840, 0.8480

Conversions

Conversions Part 2

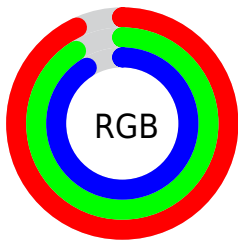
Format	Color
R _Y B	237, 233, 233
Decimal	15591913
CIE Lab	92.65, 1.35, 0.47
CIE LCh	93, 1.426, 19.068
Yxy	82.1655, 0.3154, 0.3290
Android (android.graphics.Color)	4293781993 (0xFFE9E9E9)
YUV	234.1960, -0.5896, 2.4591
Hunter-Lab	90.6452, -3.5102, 5.3695

Details

The XYZ color **78.7719, 82.1655, 88.7986** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.1745, 84.0053, 92.1635**, and the grayscale version is **78.3602, 82.4410, 89.7783**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.7140, 44.4424, 47.9219** is the 20% darker color. If you saturate the color by 10%, you get **69.3528, 68.3857, 70.0620**, and if you desaturate by 10%, it is **88.7355, 96.7448, 108.6045**.

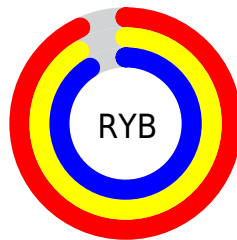
Distribution



Red (93%)

Green (91%)

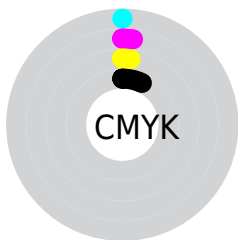
Blue (91%)



Red (93%)

Yellow (91%)

Blue (91%)

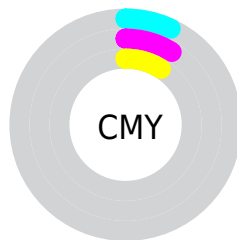


Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (7%)



Cyan (7%)

Magenta (9%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.7719, 82.1655, 88.7986 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 78.7719, 82.1655, 88.7986 by changing the saturation by 10% instead.

■ 78.7719, 82.1655,
88.7986

■ 78.7719, 82.1655,
88.7986

479.5842,
502.2011, 544.5839

■ 59.0133, 61.5020,
66.4166

130.5973,
136.4061, 147.5894

■ 42.8702, 44.6304,
48.1520

163.3948,
170.7519, 184.8352

■ 29.9774, 31.1664,
33.5864

201.2693,
210.4272, 227.8726

■ 19.9694, 20.7256,
22.3013

244.5861,
255.8166, 277.1203

■ 12.4809, 12.9236,
13.8780

293.7107,
307.3042, 332.9967

■ 7.1466, 7.3759,
7.8981

349.0083,

■ 3.6011, 3.6983,

365.2746, 395.9204

3.9430

410.8443,
430.1121, 466.3100

■ 1.4790, 1.5063,
1.5941

■ 0.3115, 0.2931,
0.2866

■ 78.7719, 82.1655,
88.7986

■ 78.7719, 82.1655,
88.7986

■ 69.3528, 68.3857,
70.0620

■ 88.7355, 96.7448,
108.6045

■ 61.2318, 56.5045,
53.9117

■ 54.3544, 46.4420,
40.2358

■ 48.6590, 38.1085,
28.9122

■ 44.0791, 31.4066,
19.8084

■ 40.5417, 26.2296,
12.7786

■ 37.9648, 22.4576,
7.6598

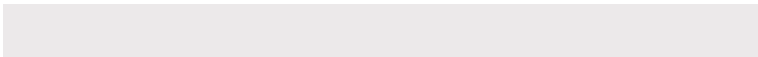
■ 36.2545, 19.9533,
4.2648

■ 35.2978, 18.5516,
2.3683

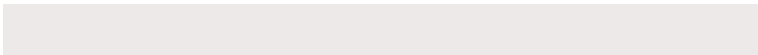
Harmonies

Analogous

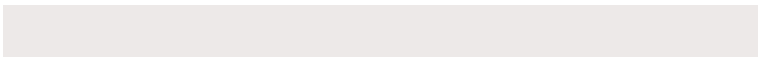
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.7982, 82.1655, 89.8522



78.7719, 82.1655, 88.7986



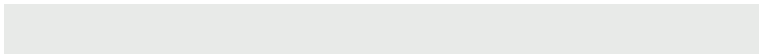
78.5641, 82.1655, 87.9299

Triad

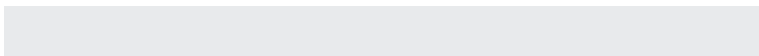
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.7719, 82.1655, 88.7986



77.5582, 82.1655, 88.1326



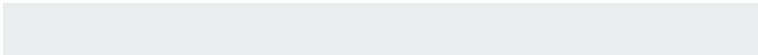
77.9607, 82.1655, 91.4849

Complementary

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



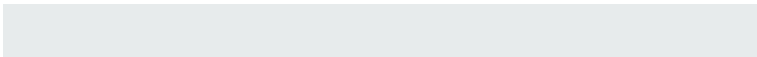
78.7719, 82.1655, 88.7986



79.1745, 84.0053, 92.1635

Split Complementary

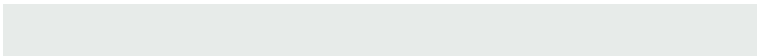
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.6295, 82.1655, 91.0164



78.7719, 82.1655, 88.7986



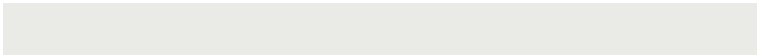
77.3976, 82.1655, 89.0774

Square

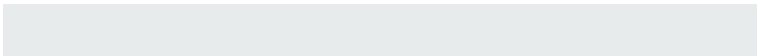
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



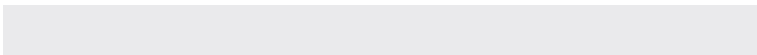
78.7719, 82.1655, 88.7986



77.8631, 82.1655, 87.5475



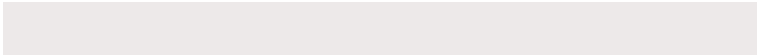
77.4237, 82.1655, 90.1332



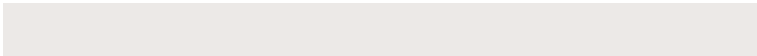
78.3291, 82.1655, 91.4088

Rectangle

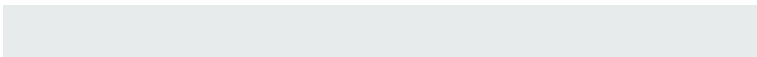
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



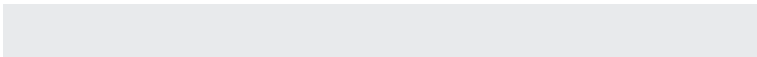
78.7719, 82.1655, 88.7986



78.3509, 82.1655, 87.5699



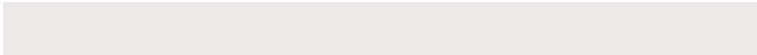
77.4237, 82.1655, 90.1332



77.8413, 82.1655, 91.3857

Sweetspot

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



78.7742, 82.1690, 88.8004



93.8348, 98.2222, 106.4830



79.3511, 82.3980, 91.8440



20.0973, 21.0423, 22.8172



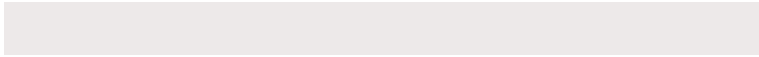
0.0000, 0.0000, 0.0000



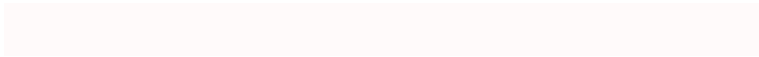
20.3446, 21.4041, 23.3091

Same Dimension

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



78.7742, 82.1690, 88.8004



92.6357, 96.4681, 104.0981



79.3425, 83.3056, 88.9898



16.5941, 17.2910, 18.6687



19.0697, 9.8337, 0.8930



1.4979, 0.7730, 0.0703

Inverse Universe

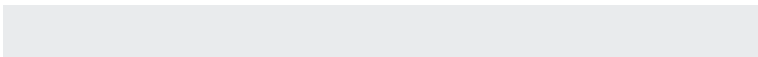
The Inverse Universe completely reimagines the original color for something new.



79.1745, 84.0053, 92.1635



93.1969, 99.0423, 108.8128



78.5998, 82.8559, 91.9720



16.6888, 17.7252, 19.4640



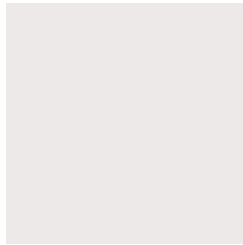
24.8432, 36.3333, 49.4466



1.9512, 2.8539, 3.8829

Previews

White Background



This preview shows how the XYZ color 78.7719, 82.1655, 88.7986 looks on a white background.

Color Contrast Check

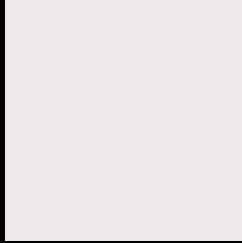
Large Text (above 18pt) WCAG AA × Fail

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 78.7719, 82.1655, 88.7986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

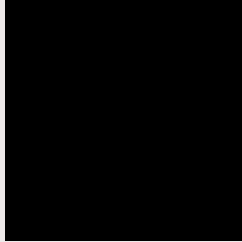
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

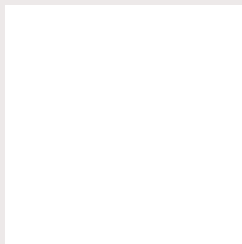
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.7719, 82.1655, 88.7986

Background



This preview shows how black text looks on a background with the XYZ color 78.7719, 82.1655, 88.7986.



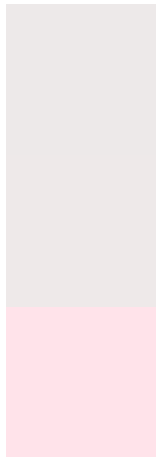
This preview shows how white text looks on a background with the XYZ color 78.7719, 82.1655,

88.7986.

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

78.7719, 82.1655, 88.7986

Protanopia

79.1068, 82.3382, 88.8143

Deuteranopia

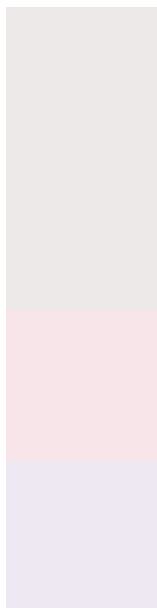
83.5604, 82.1387, 89.2921



Tritanopia

81.2714, 82.3421, 101.2327

Trichromacy



Original Color

78.7719, 82.1655, 88.7986

Protanomaly

79.1068, 82.3382, 88.8143

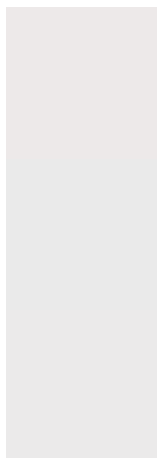
Deuteranomaly

81.5820, 81.9356, 89.3572

Tritanomaly

80.2942, 82.3614, 96.4594

Monochromacy



Original Color

78.7719, 82.1655, 88.7986

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.5351, 82.4483, 89.6168

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.7719, 82.1655, 88.7986 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(237, 233, 233) looks like.

```
.text, #text, p{  
    color:rgb(237, 233, 233)  
}
```

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(237, 233, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 233, 233) }
```

Border

The CSS property to change the border of an element to XYZ 78.7719, 82.1655, 88.7986 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(237, 233, 233) }
```


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

```
.border{ border-color:rgb(237, 233, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 233, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 233, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 233, 233);  
box-shadow:4px 4px 4px 4px rgb(237, 233,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 78.7719, 82.1655, 88.7986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 233, 233) }
```

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

```
.background{ background-color: rgb(237,  
233, 233) }
```

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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