

Converting Colors

XYZ(76.1513, 78.5669, 83.6036)

Have a look what the booklet for
XYZ(76.1513, 78.5669, 83.6036)
contains.

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Color

**XYZ(76.2593, 78.4887,
83.8036)**

Conversions

Conversions Part 1

Format	Color
Hex	EDE3E3
RGB	237, 227, 227
RGB Percent	93%, 89%, 89%
CMY	0.0706, 0.1098, 0.1098
CMYK	0.00, 0.04, 0.04, 0.07
HSL	0°, 22%, 91%
HSV	0°, 4%, 93%
XYZ	76.2593, 78.4887, 83.8036
YIQ	229.9900, 5.9600, 2.1200

Conversions

Conversions Part 2

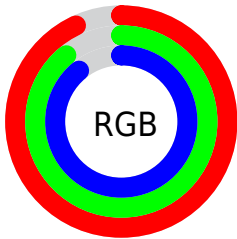
Format	Color
R _Y B	237, 227, 227
Decimal	15590371
CIE Lab	91.00, 3.39, 1.20
CIE LCh	91, 3.598, 19.486
Yxy	78.4887, 0.3197, 0.3290
Android (android.graphics.Color)	4293780451 (0xFFE3E3E3)
YUV	229.9900, -1.4741, 6.1478
Hunter-Lab	88.5938, -1.3910, 5.9315

Details

The XYZ color **76.2593, 78.4887, 83.8036** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.2489, 83.0127, 92.0736**, and the grayscale version is **75.2157, 79.1328, 86.1756**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2550, 42.3074, 45.0215** is the 20% darker color. If you saturate the color by 10%, you get **67.1713, 65.1916, 65.7314**, and if you desaturate by 10%, it is **86.6936, 93.7559, 104.5480**.

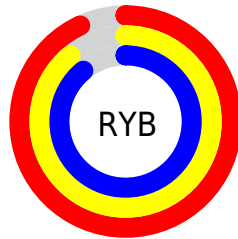
Distribution



Red (93%)

Green (89%)

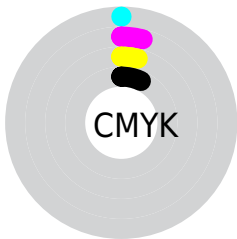
Blue (89%)



Red (93%)

Yellow (89%)

Blue (89%)

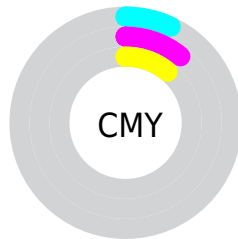


Cyan (0%)

Magenta (4%)

Yellow (4%)

Black (7%)



Cyan (7%)

Magenta (11%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.2593, 78.4887, 83.8036 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 76.2593, 78.4887, 83.8036 by changing the saturation by 10% instead.

76.2593, 78.4887,
83.8036

76.2593, 78.4887,
83.8036

471.1656,
489.8249, 527.7018

56.9430, 58.4755,
62.3088

127.0718,
131.2388, 140.5597

41.1994, 42.1911,
44.8449

159.2986,
164.7445, 176.6581

28.6633, 29.2509,
30.9932

196.5597,
203.5165, 218.4615

18.9692, 19.2707,
20.3353

239.2203,
247.9392, 266.3884

11.7519, 11.8661,
12.4525

287.6459,
298.3970, 320.8573

6.6460, 6.6525,
6.9264

342.2017,

3.2861, 3.2458,

355.2743, 382.2868

3.3383

403.2532,
418.9555, 451.0955

■ 1.3068, 1.2613,
1.2699

■ 0.1883, 0.1110,
0.0369

■ 76.2593, 78.4887,
83.8036

■ 76.2593, 78.4887,
83.8036

■ 67.1713, 65.1916,
65.7314

■ 86.6936, 93.7559,
104.5480

■ 59.3686, 53.7746,
50.2178

■ 88.7356, 96.7448,
108.6045

■ 52.7951, 44.1561,
37.1490

■ 47.3883, 36.2444,
26.4002

■ 43.0799, 29.9398,
17.8359

■ 39.7948, 25.1324,
11.3065

■ 37.4484, 21.6983,
6.6435

■ 35.9424, 19.4940,
3.6517

■ 35.1570, 18.3441,
2.0927

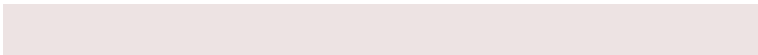
Harmonies

Analogous

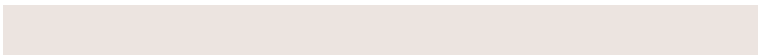
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.3311, 78.4887, 86.3765



76.2593, 78.4887, 83.8036



75.7412, 78.4887, 81.7153

Triad

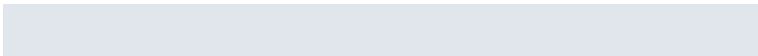
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.2593, 78.4887, 83.8036



73.2816, 78.4887, 82.2534



74.2830, 78.4887, 90.4723

Complementary

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



76.2593, 78.4887, 83.8036



77.2489, 83.0127, 92.0736

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.



73.4726, 78.4887, 89.3191



76.2593, 78.4887, 83.8036



72.8976, 78.4887, 84.5517

Square

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



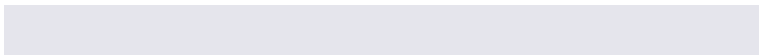
76.2593, 78.4887, 83.8036



74.0202, 78.4887, 80.8329



72.9672, 78.4887, 87.1398



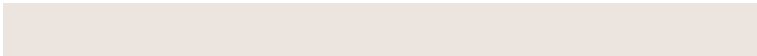
75.1851, 78.4887, 90.2621

Rectangle

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



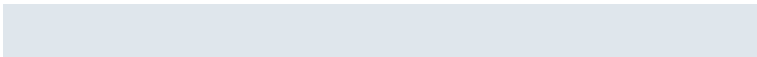
76.2593, 78.4887, 83.8036



75.2147, 78.4887, 80.8625



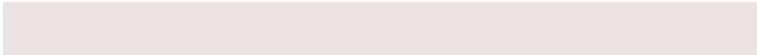
72.9672, 78.4887, 87.1398



73.9910, 78.4887, 90.2303

Sweetspot

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



76.2615, 78.4921, 83.8053



93.8343, 98.2213, 106.4828



77.6814, 79.0584, 91.2875



20.0972, 21.0421, 22.8172



0.0000, 0.0000, 0.0000



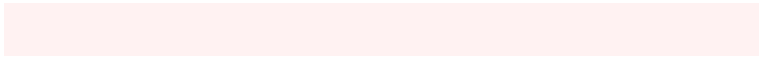
20.3446, 21.4041, 23.3091

Same Dimension

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



76.2615, 78.4921, 83.8053



89.1327, 91.3420, 97.1344



77.6480, 81.2651, 84.2675



15.8098, 16.1433, 17.1095



19.0685, 9.8313, 0.8926



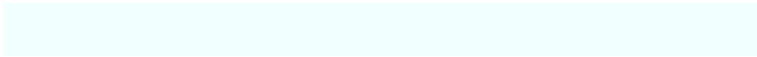
1.4975, 0.7723, 0.0701

Inverse Universe

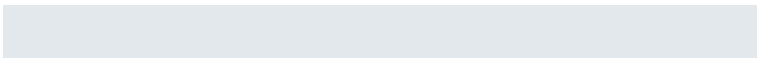
The Inverse Universe completely reimagines the original color for something new.



77.2489, 83.0127, 92.0736



90.5122, 97.6584, 108.6872



75.8224, 80.1598, 91.5981



16.0876, 17.4152, 19.4358



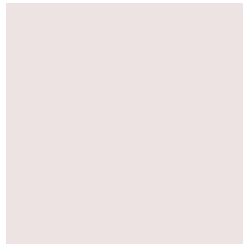
24.8654, 36.3778, 49.4540



1.9527, 2.8569, 3.8834

Previews

White Background



This preview shows how the XYZ color 76.2593, 78.4887, 83.8036 looks on a white background.

Color Contrast Check

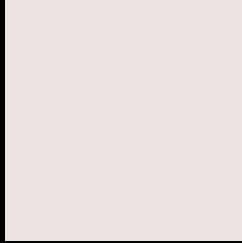
Large Text (above 18pt) WCAG AA × Fail

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 76.2593, 78.4887, 83.8036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

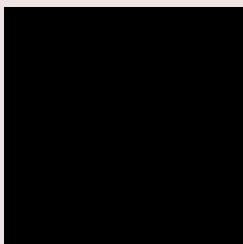
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

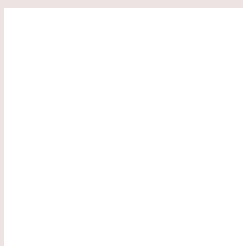
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.2593, 78.4887, 83.8036

Background



This preview shows how black text looks on a background with the XYZ color 76.2593, 78.4887, 83.8036.

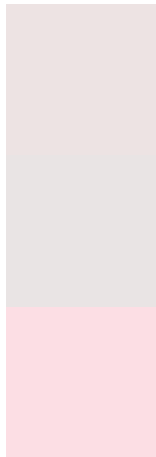


This preview shows how white text looks on a background with the XYZ color 76.2593, 78.4887,

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

76.2593, 78.4887, 83.8036

Protanopia

75.3513, 78.4119, 84.5624

Deuteranopia

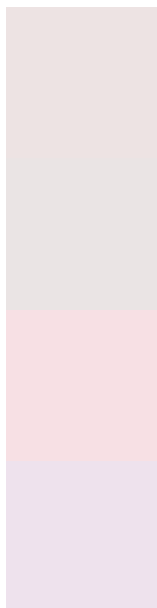
80.2698, 78.5394, 84.3277



Tritanopia

78.5488, 78.6120, 95.0381

Trichromacy



Original Color

76.2593, 78.4887, 83.8036

Protanomaly

75.6787, 78.5807, 84.5777

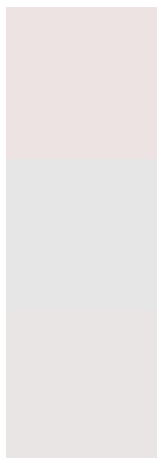
Deuteranomaly

79.0170, 78.6869, 84.4222

Tritanomaly

77.7423, 78.6843, 91.2109

Monochromacy



Original Color

76.2593, 78.4887, 83.8036

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.7664, 79.0194, 85.3877

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.2593, 78.4887, 83.8036 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, 227, 227) looks like.

```
.text, #text, p{  
    color:rgb(237, 227, 227)  
}
```

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, 227, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 227, 227) }
```

Border

The CSS property to change the border of an element to XYZ 76.2593, 78.4887, 83.8036 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, 227, 227) }
```


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

```
.border{ border-color:rgb(237, 227, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 227, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 227, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 227, 227);  
box-shadow:4px 4px 4px 4px rgb(237, 227,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 76.2593, 78.4887, 83.8036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 227, 227) }
```

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

```
.background{ background-color: rgb(237,  
227, 227) }
```

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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