

Converting Colors

XYZ(78.1770, 78.2698, 83.6603)

Have a look what the booklet for
XYZ(78.1770, 78.2698, 83.6603)
contains.

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Color

**XYZ(78.1770, 78.2698,
83.6603)**

Conversions

Conversions Part 1

Format	Color
Hex	F5E0E3
RGB	245, 224, 227
RGB Percent	96%, 88%, 89%
CMY	0.0392, 0.1215, 0.1098
CMYK	0.00, 0.09, 0.07, 0.04
HSL	351°, 51%, 92%
HSV	351°, 9%, 96%
XYZ	78.1770, 78.2698, 83.6603
YIQ	230.6210, 11.5530, 5.3850

Conversions

Conversions Part 2

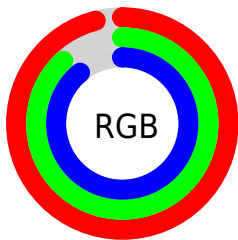
Format	Color
R_{YB}	245, 224, 227
Decimal	16113891
CIE Lab	90.90, 7.68, 1.13
CIE LCh	91, 7.767, 8.389
Yxy	78.2698, 0.3256, 0.3260
Android (android.graphics.Color)	4294303971 (0xFFFF5E0E3)
YUV	230.6210, -1.7852, 12.6104
Hunter-Lab	88.4702, 2.9092, 5.8626

Details

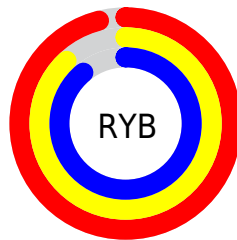
The XYZ color **78.1770, 78.2698, 83.6603** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79.4229, 87.5650, 96.7244**, and the grayscale version is **75.6827, 79.6241, 86.7106**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.6206, 42.1733, 44.9236** is the 20% darker color. If you saturate the color by 10%, you get **69.3369, 64.9487, 67.2728**, and if you desaturate by 10%, it is **88.3240, 93.6367, 102.2301**.

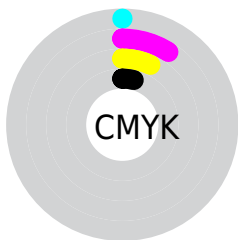
Distribution



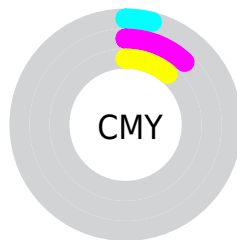
- Red (96%)
- Green (88%)
- Blue (89%)



- Red (96%)
- Yellow (88%)
- Blue (89%)



- Cyan (0%)
- Magenta (9%)
- Yellow (7%)
- Black (4%)




- Cyan (4%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.1770, 78.2698, 83.6603 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 78.1770, 78.2698, 83.6603 by changing the saturation by 10% instead.


 78.1770, 78.2698,
83.6603

 78.1770, 78.2698,
83.6603


477.5984,
489.0826, 527.2130

 58.5227, 58.2956,
62.1912


129.7637,
130.9304, 140.3574

 42.4739, 42.0464,
44.7505


162.4267,
164.3856, 176.4225

 29.6653, 29.1376,
30.9194


200.1567,
203.1033, 218.1900

 19.7315, 19.1849,
20.2795

243.3190,
247.4678, 266.0785

 12.3071, 11.8040,
12.4123

292.2789,
297.8637, 320.5065

 7.0269, 6.6104,
6.8992

347.4019,

 3.5254, 3.2196,

354.6751, 381.8926

3.3216

409.0533,
418.2866, 450.6552

■ 1.4373, 1.2474,
1.2611

■ 0.2826, 0.1000,
0.0296

■ 78.1770, 78.2698,
83.6603

■ 78.1770, 78.2698,
83.6603

■ 69.3369, 64.9487,
67.2728

■ 88.3240, 93.6367,
102.2301

■ 61.7439, 53.5773,
52.9824

■ 91.4667, 98.1527,
108.7323

■ 55.3437, 44.0670,
40.7057

■ 50.0750, 36.3185,
30.3516

■ 45.8712, 30.2231,
21.8221

■ 42.6587, 25.6603,
15.0105

■ 40.3543, 22.4928,
9.7988

■ 38.8606, 20.5589,
6.0535

■ 38.0440, 19.6285,
3.6142

Harmonies

Analogous

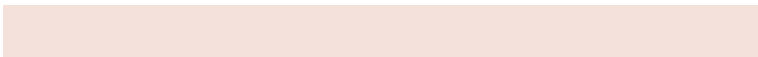
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.9455, 78.2698, 89.2522



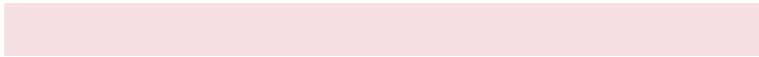
78.1770, 78.2698, 83.6603



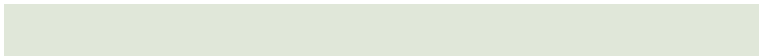
77.3807, 78.2698, 78.7057

Triad

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



78.1770, 78.2698, 83.6603



72.0814, 78.2698, 77.0541



73.0162, 78.2698, 95.6361

Complementary

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



78.1770, 78.2698, 83.6603



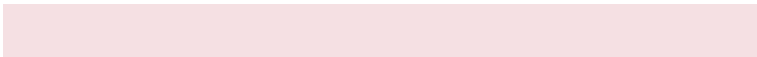
79.4229, 87.5650, 96.7244

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.



71.4834, 78.2698, 92.0894



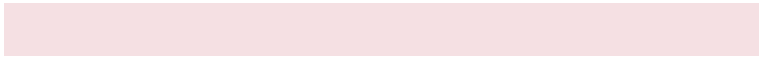
78.1770, 78.2698, 83.6603



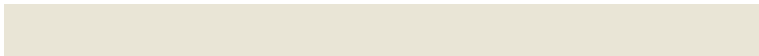
70.9503, 78.2698, 81.3160

Square

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



78.1770, 78.2698, 83.6603



73.8456, 78.2698, 75.0025



70.7333, 78.2698, 86.8040



74.9433, 78.2698, 96.3311

Rectangle

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



78.1770, 78.2698, 83.6603



76.3823, 78.2698, 76.3729



70.7333, 78.2698, 86.8040



72.4388, 78.2698, 94.7306

Sweetspot

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



78.1792, 78.2732, 83.6620



91.6198, 94.8006, 102.6360



79.7060, 78.7581, 97.3882



19.4190, 20.0013, 21.6180



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.



78.1792, 78.2732, 83.6620



84.1257, 83.4668, 88.8715



79.7871, 82.1451, 82.1754



16.5954, 16.5210, 17.6162



20.4790, 10.5350, 1.9647



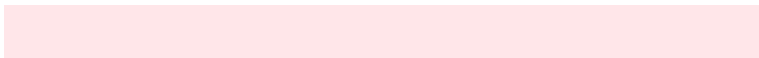
1.8288, 0.9375, 0.3249

Inverse Universe

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



78.1792, 78.2732, 83.6620



84.1257, 83.4668, 88.8715



77.6974, 83.3880, 98.3877



16.5954, 16.5210, 17.6162



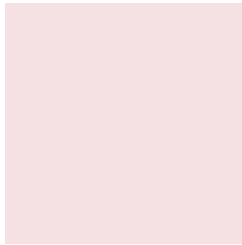
20.4790, 10.5350, 1.9647



1.8288, 0.9375, 0.3249

Previews

White Background



This preview shows how the XYZ color 78.1770, 78.2698, 83.6603 looks on a white background.

Color Contrast Check

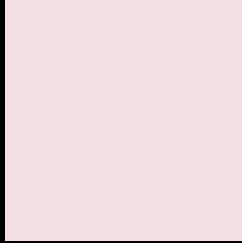
Large Text (above 18pt) WCAG AA × Fail

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 78.1770, 78.2698, 83.6603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

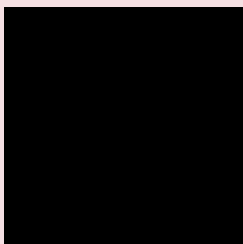
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.1770, 78.2698, 83.6603

Background



This preview shows how black text looks on a background with the XYZ color 78.1770, 78.2698, 83.6603.



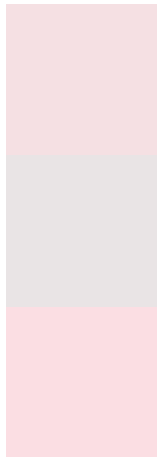
This preview shows how white text looks on a background with the XYZ color 78.1770, 78.2698,

83.6603.

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

78.1770, 78.2698, 83.6603

Protanopia

75.4905, 78.4676, 85.2957

Deuteranopia

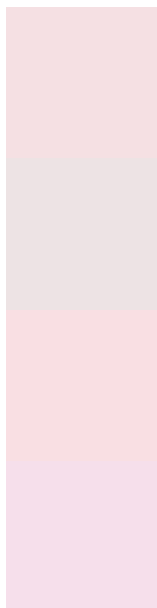
79.7701, 78.2978, 83.5817



Tritanopia

80.0590, 78.2487, 92.5453

Trichromacy



Original Color

78.1770, 78.2698, 83.6603

Protanomaly

76.3977, 78.5441, 84.5327

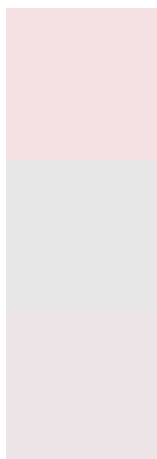
Deuteranomaly

79.3197, 78.4611, 83.6370

Tritanomaly

79.3891, 78.3663, 89.5392

Monochromacy



Original Color

78.1770, 78.2698, 83.6603

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.6184, 79.0328, 86.0796

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.1770, 78.2698, 83.6603 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(245, 224, 227) looks like.

```
.text, #text, p{  
    color:rgb(245, 224, 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(245, 224, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 224, 227) }
```

Border

The CSS property to change the border of an element to XYZ 78.1770, 78.2698, 83.6603 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(245, 224, 227) }
```


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

```
.border{ border-color:rgb(245, 224, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 224, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 224, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 224, 227);  
box-shadow:4px 4px 4px 4px rgb(245, 224,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 78.1770, 78.2698, 83.6603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 224, 227) }
```

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

```
.background{ background-color: rgb(245,  
224, 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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