

Converting Colors

XYZ(77.9835, 81.9654, 78.2642)

Have a look what the booklet for
XYZ(77.9835, 81.9654, 78.2642)
contains.

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Color

**XYZ(78.0694, 82.0406,
78.0504)**

Conversions

Conversions Part 1

Format	Color
Hex	F1E9DA
RGB	241, 233, 218
RGB Percent	95%, 91%, 85%
CMY	0.0549, 0.0863, 0.1451
CMYK	0.00, 0.03, 0.10, 0.05
HSL	39°, 45%, 90%
HSV	39°, 10%, 95%
XYZ	78.0694, 82.0406, 78.0504
YIQ	233.6820, 9.5830, -2.9690

Conversions

Conversions Part 2

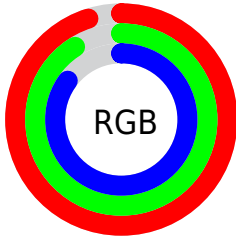
Format	Color
R _Y B	230, 241, 218
Decimal	15854042
CIE Lab	92.59, 0.18, 8.24
CIE LCh	93, 8.238, 88.716
Yxy	82.0406, 0.3278, 0.3445
Android (android.graphics.Color)	4294044122 (0xFFFF1E9DA)
YUV	233.6820, -7.7312, 6.4179
Hunter-Lab	90.5763, -4.6559, 12.3126

Details

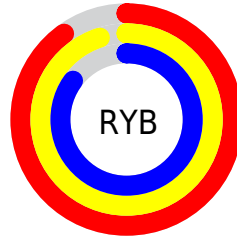
The XYZ color **78.0694, 82.0406, 78.0504** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **71.9867, 75.6475, 94.0271**, and the grayscale version is **78.0197, 82.0828, 89.3882**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.3406, 44.4029, 40.9894** is the 20% darker color. If you saturate the color by 10%, you get **72.8274, 76.2413, 61.8587**, and if you desaturate by 10%, it is **83.8872, 88.2558, 96.6984**.

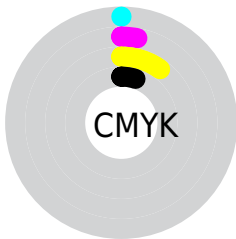
Distribution



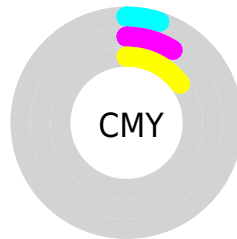
- Red (95%)
- Green (91%)
- Blue (85%)



- Red (90%)
- Yellow (95%)
- Blue (85%)



- Cyan (0%)
- Magenta (3%)
- Yellow (10%)
- Black (5%)



- Cyan (5%)
- Magenta (9%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.0694, 82.0406, 78.0504 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 78.0694, 82.0406, 78.0504 by changing the saturation by 10% instead.

78.0694, 82.0406,
78.0504

78.0694, 82.0406,
78.0504

477.2387,
501.7835, 507.8704

58.4340, 61.3990,
57.5987

129.6128,
136.2309, 132.4077

42.4022, 44.5473,
41.0735

162.2515,
170.5485, 167.1503

29.6089, 31.1010,
28.0564

199.9553,
210.1934, 207.4937

19.6885, 20.6757,
18.1288

243.0896,
255.5502, 253.8564

12.2758, 12.8872,
10.8721

292.0197,
307.0032, 306.6568

7.0053, 7.3509,
5.8678

347.1110,

3.5118, 3.6825,

364.9368, 366.3136

2.6974

408.7289,
429.7355, 433.2453

■ 1.4298, 1.4976,
0.9421

■ 0.2773, 0.2870,
0.0000

■ 78.0694, 82.0406,
78.0504

■ 78.0694, 82.0406,
78.0504

■ 72.8274, 76.2413,
61.8587

■ 83.8872, 88.2558,
96.6984

■ 68.1330, 70.8361,
48.0136

■ 88.4374, 94.1438,
108.1182

■ 63.9660, 65.8169,
36.4051

■ 90.0859, 97.4409,
108.6677

■ 60.3018, 61.1715,
26.9122

■ 57.1136, 56.8865,
19.4022

■ 54.3719, 52.9473,
13.7275

■ 52.0429, 49.3378,
9.7193

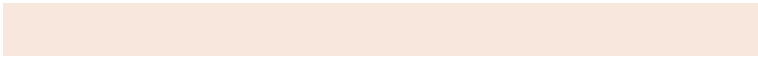
■ 50.0871, 46.0391,
7.1777

■ 48.4420, 43.0235,
5.7828

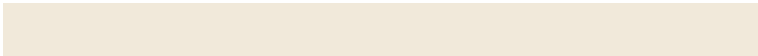
Harmonies

Analogous

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



80.1348, 82.0406, 79.6251



78.0694, 82.0406, 78.0504



76.0155, 82.0406, 79.3807

Triad

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



78.0694, 82.0406, 78.0504



74.4216, 82.0406, 95.1146



81.5491, 82.0406, 95.5924

Complementary

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



78.0694, 82.0406, 78.0504



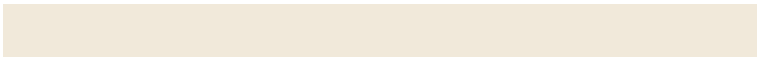
71.9867, 75.6475, 94.0271

Split Complementary

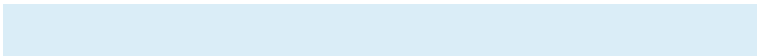
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.9722, 82.0406, 100.0740



78.0694, 82.0406, 78.0504



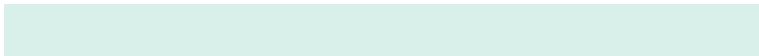
75.8586, 82.0406, 99.7893

Square

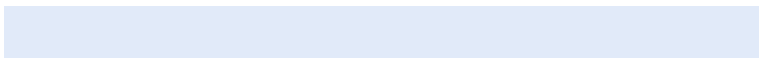
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



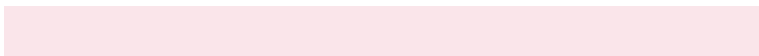
78.0694, 82.0406, 78.0504



73.9328, 82.0406, 89.0644



77.8849, 82.0406, 101.6433



82.1663, 82.0406, 89.5927

Rectangle

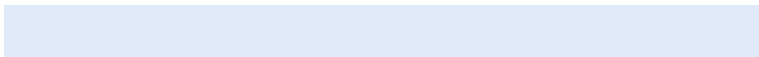
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.0694, 82.0406, 78.0504



74.9239, 82.0406, 81.7719



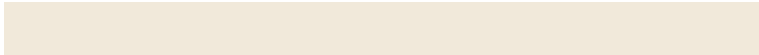
77.8849, 82.0406, 101.6433



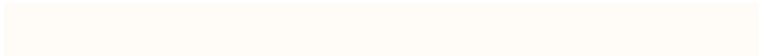
81.1122, 82.0406, 97.3364

Sweetspot

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



78.0717, 82.0442, 78.0522



93.0001, 97.8320, 102.2610



75.0823, 74.3384, 82.3800



19.7908, 20.8176, 21.5177



0.0000, 0.0000, 0.0000



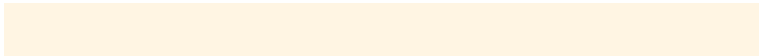
20.3446, 21.4041, 23.3091

Same Dimension

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



78.0717, 82.0442, 78.0522



87.8261, 92.2591, 85.8157



79.2200, 86.0727, 78.7692



16.6335, 17.4802, 16.6471



26.3612, 23.5205, 3.1505



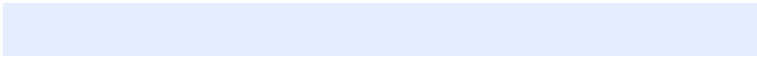
2.2856, 2.1419, 0.2930

Inverse Universe

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



71.9867, 75.6475, 94.0271



79.9104, 83.9379, 106.5977



70.9057, 71.9378, 93.3680



15.3466, 16.1273, 20.0256



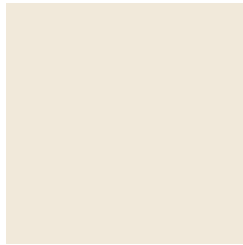
10.4332, 7.0907, 45.9466



0.9577, 0.7694, 3.8522

Previews

White Background



This preview shows how the XYZ color 78.0694, 82.0406, 78.0504 looks on a white background.

Color Contrast Check

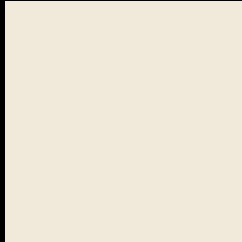
Large Text (above 18pt) WCAG AA × Fail

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 78.0694, 82.0406, 78.0504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

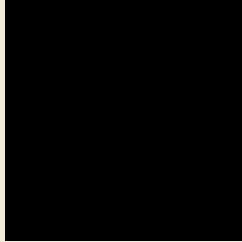
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

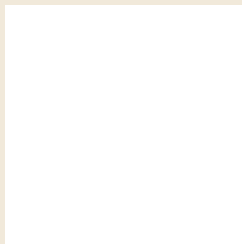
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.0694, 82.0406, 78.0504

Background



This preview shows how black text looks on a background with the XYZ color 78.0694, 82.0406, 78.0504.

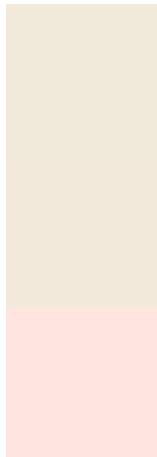


This preview shows how white text looks on a background with the XYZ color 78.0694, 82.0406,

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

78.0694, 82.0406, 78.0504

Protanopia

78.4118, 82.2170, 78.0664

Deuteranopia

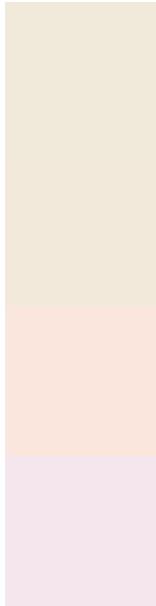
82.3027, 82.0745, 81.3162



Tritanopia

82.4640, 82.1665, 99.5091

Trichromacy



Original Color

78.0694, 82.0406, 78.0504

Protanomaly

78.4118, 82.2170, 78.0664

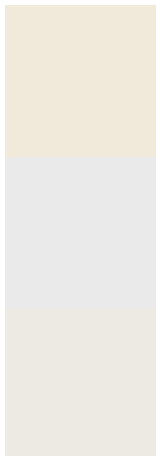
Deuteranomaly

80.7723, 82.1381, 80.0037

Tritanomaly

80.7454, 81.8829, 90.9061

Monochromacy



Original Color

78.0694, 82.0406, 78.0504

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.3515, 82.4516, 85.1840

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.0694, 82.0406, 78.0504 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(241, 233, 218) looks like.

```
.text, #text, p{  
    color:rgb(241, 233, 218)  
}
```

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(241, 233, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 233, 218) }
```

Border

The CSS property to change the border of an element to XYZ 78.0694, 82.0406, 78.0504 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(241, 233, 218) }
```


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

```
.border{ border-color:rgb(241, 233, 218) }
```

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

Here you see how a box with a 4 pixel rgb(241, 233, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 233, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 233, 218);  
box-shadow:4px 4px 4px 4px rgb(241, 233,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 78.0694, 82.0406, 78.0504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 233, 218) }
```

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

```
.background{ background-color: rgb(241,  
233, 218) }
```

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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