

Converting Colors

XYZ(75.1784, 80.1026, 60.2142)

Have a look what the booklet for
XYZ(75.1784, 80.1026, 60.2142)
contains.

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Color

**XYZ(75.1784, 80.1026,
60.2142)**

Conversions

Conversions Part 1

Format	Color
Hex	F4E7BE
RGB	244, 231, 190
RGB Percent	96%, 91%, 75%
CMY	0.0431, 0.0941, 0.2549
CMYK	0.00, 0.05, 0.22, 0.04
HSL	46°, 71%, 85%
HSV	46°, 22%, 96%
XYZ	75.1784, 80.1026, 60.2142
YIQ	230.2130, 20.9090, -9.9950

Conversions

Conversions Part 2

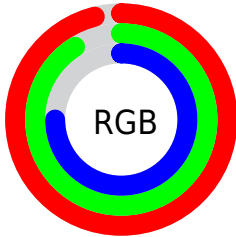
Format	Color
R _Y B	207, 244, 190
Decimal	16050110
CIE Lab	91.73, -1.95, 21.58
CIE LCh	92, 21.668, 95.172
Yxy	80.1026, 0.3489, 0.3717
Android (android.graphics.Color)	4294240190 (0xFFFF4E7BE)
YUV	230.2130, -19.8250, 12.0912
Hunter-Lab	89.5001, -6.6884, 22.7607

Details

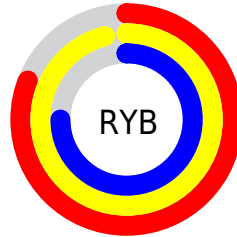
The XYZ color **75.1784, 80.1026, 60.2142** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **58.9200, 60.1893, 94.1007**, and the grayscale version is **75.5046, 79.4367, 86.5066**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **40.4628, 43.3930, 29.5356** is the 20% darker color. If you saturate the color by 10%, you get **71.1164, 75.8948, 46.7861**, and if you desaturate by 10%, it is **79.7463, 84.6064, 76.0154**.

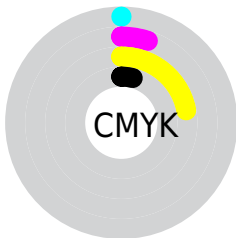
Distribution



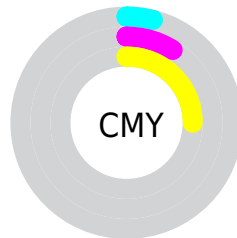
- Red (96%)
- Green (91%)
- Blue (75%)



- Red (81%)
- Yellow (96%)
- Blue (75%)



- Cyan (0%)
- Magenta (5%)
- Yellow (22%)
- Black (4%)




- Cyan (4%)
- Magenta (9%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.1784, 80.1026, 60.2142 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 75.1784, 80.1026, 60.2142 by changing the saturation by 10% instead.


 75.1784, 80.1026,
60.2142

 75.1784, 80.1026,
60.2142


467.5183,
495.2785, 443.2134

 56.0537, 59.8028,
43.1649


 125.5514,
133.5100, 106.6867

 40.4832, 43.2597,
29.6821


157.5305,
167.3863, 136.9470

 28.1014, 30.0889,
19.3475

194.5251,
206.5570, 172.4481

 18.5429, 19.9061,
11.7423

236.9006,
251.4063, 213.6084

 11.4425, 12.3268,
6.4480

285.0223,
302.3187, 260.8466

 6.4348, 6.9667,
3.0462

339.2555,

 3.1544, 3.4413,

359.6787, 314.5811

1.1183

399.9657,
423.8705, 375.2305

■ 1.2359, 1.3662,
0.0000

■ 0.1344, 0.1916,
0.0000

■ 75.1784, 80.1026,
60.2142

■ 75.1784, 80.1026,
60.2142

■ 71.1164, 75.8948,
46.7861

■ 79.7463, 84.6064,
76.0154

■ 67.5312, 71.9624,
35.6090

■ 84.8349, 89.4049,
94.2937

■ 64.4003, 68.2982,
26.5572

■ 89.1172, 93.9707,
108.0489

■ 61.6966, 64.8905,
19.4909

■ 90.9569, 97.6502,
108.6622

■ 59.3897, 61.7263,
14.2533

■ 91.1184, 97.9732,
108.7160

■ 57.4449, 58.7907,
10.6639

■ 55.8203, 56.0661,
8.5049

■ 54.7166, 54.0496,
7.5487

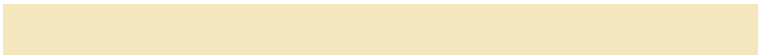
Harmonies

Analogous

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



80.6985, 80.1026, 62.3455



75.1784, 80.1026, 60.2142



70.1594, 80.1026, 64.5712

Triad

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



75.1784, 80.1026, 60.2142



67.7512, 80.1026, 106.0084



86.2233, 80.1026, 100.6727

Complementary

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



75.1784, 80.1026, 60.2142



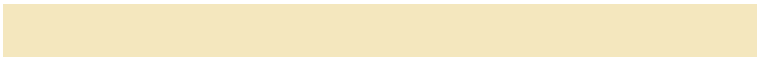
58.9200, 60.1893, 94.1007

Split Complementary

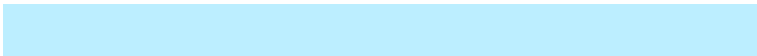
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.4409, 80.1026, 114.6233



75.1784, 80.1026, 60.2142



71.7471, 80.1026, 117.9564

Square

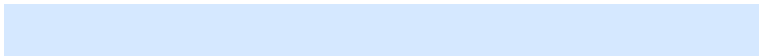
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.1784, 80.1026, 60.2142



66.0063, 80.1026, 89.9987



77.0999, 80.1026, 121.2855



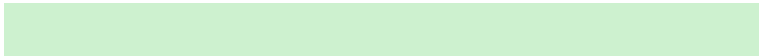
87.2504, 80.1026, 84.4954

Rectangle

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



75.1784, 80.1026, 60.2142



67.7173, 80.1026, 70.9215



77.0999, 80.1026, 121.2855



85.2232, 80.1026, 105.8375

Sweetspot

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



75.1805, 80.1062, 60.2159



90.9529, 96.1931, 94.0091



66.5617, 60.3967, 64.9634



19.3950, 20.5207, 19.8609



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.



75.1805, 80.1062, 60.2159



80.8192, 86.2122, 58.9190



74.4395, 85.3255, 61.2624



17.5570, 18.5982, 17.4620



29.8633, 29.6122, 4.1418



2.7037, 2.7607, 0.3904

Inverse Universe

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



58.9200, 60.1893, 94.1007



59.6257, 60.2569, 103.0959



59.5085, 56.1265, 93.2855



15.9049, 16.5742, 20.9034



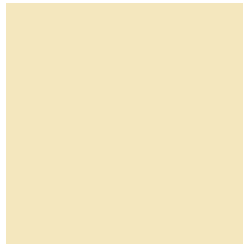
9.8095, 5.4128, 47.0658



0.9389, 0.6293, 4.1622

Previews

White Background



This preview shows how the XYZ color 75.1784, 80.1026, 60.2142 looks on a white background.

Color Contrast Check

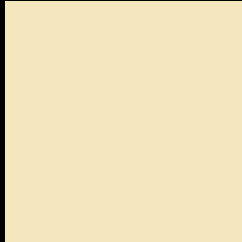
Large Text (above 18pt) WCAG AA × Fail

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 75.1784, 80.1026, 60.2142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

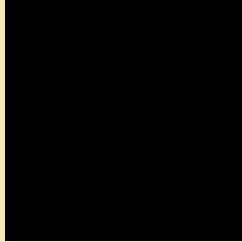
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

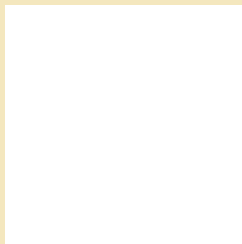
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.1784, 80.1026, 60.2142

Background



This preview shows how black text looks on a background with the XYZ color 75.1784, 80.1026, 60.2142.

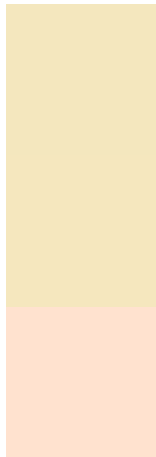


This preview shows how white text looks on a background with the XYZ color 75.1784, 80.1026,

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

75.1784, 80.1026, 60.2142

Protanopia

75.5264, 80.2820, 60.2305

Deuteranopia

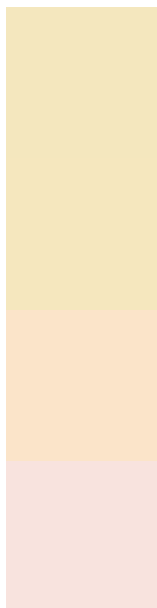
79.6988, 80.1577, 70.3029



Tritanopia

82.3165, 80.1714, 94.3552

Trichromacy



Original Color

75.1784, 80.1026, 60.2142

Protanomaly

75.5264, 80.2820, 60.2305

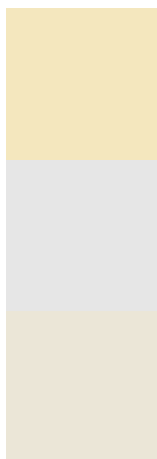
Deuteranomaly

78.0697, 80.2131, 66.6263

Tritanomaly

79.3653, 80.1686, 80.3983

Monochromacy



Original Color

75.1784, 80.1026, 60.2142

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.8235, 79.1621, 75.6262

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1784, 80.1026, 60.2142 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(244, 231, 190)` looks like.

```
.text, #text, p{  
    color:rgb(244, 231, 190)  
}
```

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(244, 231, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 231, 190) }
```

Border

The CSS property to change the border of an element to XYZ 75.1784, 80.1026, 60.2142 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(244, 231, 190) }
```


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

```
.border{ border-color:rgb(244, 231, 190) }
```

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

Here you see how a box with a 4 pixel rgb(244, 231, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 231, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 231, 190);  
box-shadow:4px 4px 4px 4px rgb(244, 231,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1784, 80.1026, 60.2142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 231, 190) }
```

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

```
.background{ background-color: rgb(244,  
231, 190) }
```

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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