

Converting Colors

XYZ(75.8031, 75.5300, 61.0356)

Have a look what the booklet for
XYZ(75.8031, 75.5300, 61.0356)
contains.

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Color

**XYZ(75.8302, 75.5841,
61.0446)**

Conversions

Conversions Part 1

Format	Color
Hex	FEDBC1
RGB	254, 219, 193
RGB Percent	100%, 86%, 76%
CMY	0.0039, 0.1412, 0.2431
CMYK	0.00, 0.14, 0.24, 0.00
HSL	26°, 97%, 88%
HSV	26°, 24%, 100%
XYZ	75.8302, 75.5841, 61.0446
YIQ	226.5010, 29.2060, -0.6660

Conversions

Conversions Part 2

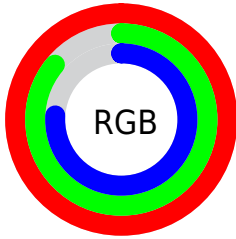
Format	Color
RYB	254, 238, 193
Decimal	16702401
CIELab	89.67, 8.28, 17.27
CIElCh	90, 19.151, 64.382
Yxy	75.5841, 0.3569, 0.3558
Android (android.graphics.Color)	4294892481 (0xFFFEDBC1)
YUV	226.5010, -16.5160, 24.1166
Hunter-Lab	86.9391, 3.5482, 19.2267

Details

The XYZ color **75.8302, 75.5841, 61.0446** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.6245, 73.9781, 104.4813**, and the grayscale version is **72.7542, 76.5431, 83.3554**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **40.9616, 40.2853, 30.0430** is the 20% darker color. If you saturate the color by 10%, you get **69.6003, 67.2758, 46.1687**, and if you desaturate by 10%, it is **82.8836, 84.7595, 78.5975**.

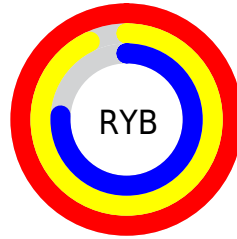
Distribution



Red (100%)

Green (86%)

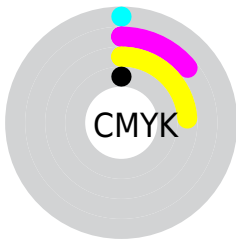
Blue (76%)



Red (100%)

Yellow (93%)

Blue (76%)

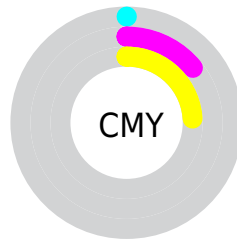


Cyan (0%)

Magenta (14%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.8302, 75.5841, 61.0446 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 75.8302, 75.5841, 61.0446 by changing the saturation by 10% instead.


 75.8302, 75.5841,
61.0446

 75.8302, 75.5841,
61.0446


469.7196,
479.9228, 446.3486

 56.5898, 56.0915,
43.8304


 126.4685,
127.1388, 107.9017

 40.9149, 40.2763,
30.2010

158.5971,
159.9698, 138.3816

 28.4400, 27.7541,
19.7378


195.7526,
198.0157, 174.1205

 18.7997, 18.1403,
12.0224

238.3002,
241.6609, 215.5369

 11.6288, 11.0508,
6.6362

286.6054,
291.2898, 263.0494

 6.5618, 6.1010,
3.1607

341.0334,

 3.2335, 2.9066,

347.2868, 317.0765

1.1773

401.9497,
410.0364, 378.0367

■ 1.2784, 1.0832,
0.0000

■ 0.1670, 0.0000,
0.0000

■ 75.8302, 75.5841,
61.0446

■ 75.8302, 75.5841,
61.0446

■ 69.6003, 67.2758,
46.1687

■ 82.8836, 84.7595,
78.5975

■ 64.1546, 59.7975,
33.8314

■ 90.7857, 94.8174,
98.9470

■ 59.4591, 53.1240,
23.8887

94.6832, 99.8109,
108.8828

■ 55.4748, 47.2250,
16.1801

■ 52.1583, 42.0676,
10.5253

■ 49.4604, 37.6160,
6.7153

■ 47.3227, 33.8296,
4.4951

■ 46.2657, 31.8559,
3.7103

Harmonies

Analogous

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



79.5817, 75.5841, 68.4952



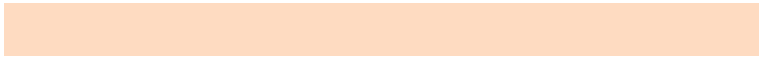
75.8302, 75.5841, 61.0446



71.1502, 75.5841, 59.0386

Triad

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



75.8302, 75.5841, 61.0446



63.1784, 75.5841, 84.2972



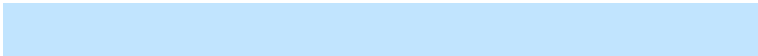
77.0803, 75.5841, 105.6288

Complementary

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



75.8302, 75.5841, 61.0446



67.6245, 73.9781, 104.4813

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.



72.5350, 75.5841, 110.9822



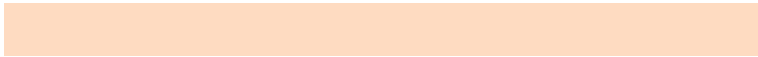
75.8302, 75.5841, 61.0446



64.6182, 75.5841, 97.8413

Square

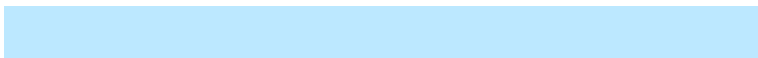
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.8302, 75.5841, 61.0446



63.9751, 75.5841, 71.5793



67.9931, 75.5841, 107.9881



80.3253, 75.5841, 94.0372

Rectangle

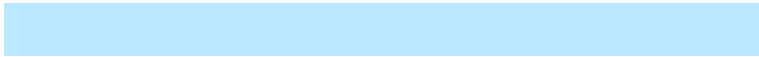
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.8302, 75.5841, 61.0446



68.1640, 75.5841, 60.8510



67.9931, 75.5841, 107.9881



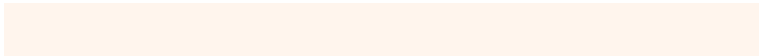
75.6467, 75.5841, 108.2719

Sweetspot

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



75.8322, 75.5875, 61.0462



89.1277, 92.5427, 93.4007



74.0284, 64.8456, 82.4395



18.9721, 19.6748, 19.7199



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.



75.8322, 75.5875, 61.0462



73.2733, 71.9736, 53.7733



84.3492, 92.6215, 63.8852



18.6460, 19.2602, 18.8792



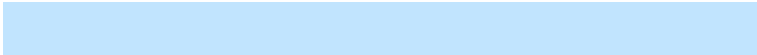
24.5309, 17.0731, 2.0025



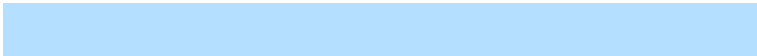
2.4941, 1.8737, 0.2302

Inverse Universe

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



67.6245, 73.9781, 104.4813



63.6323, 70.0789, 104.7805



60.0958, 58.9205, 101.9717



17.8683, 19.1082, 22.9964



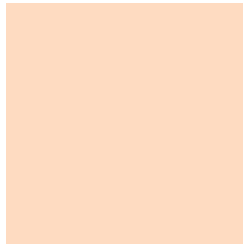
14.9771, 14.8637, 51.5142



1.5667, 1.6640, 5.0519

Previews

White Background



This preview shows how the XYZ color 75.8302, 75.5841, 61.0446 looks on a white background.

Color Contrast Check

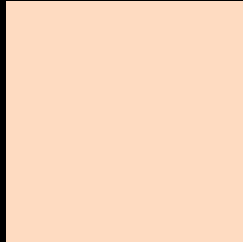
Large Text (above 18pt) WCAG AA × Fail

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 75.8302, 75.5841, 61.0446 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 75.8302, 75.5841, 61.0446

Background



This preview shows how black text looks on a background with the XYZ color 75.8302, 75.5841, 61.0446.



This preview shows how white text looks on a background with the XYZ color 75.8302, 75.5841,

61.0446.

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

75.8302, 75.5841, 61.0446

Protanopia

71.4811, 75.6688, 63.0626

Deuteranopia

76.5044, 75.4800, 63.9630



Tritanopia

79.8234, 75.5740, 85.2430

Trichromacy



Original Color

75.8302, 75.5841, 61.0446

Protanomaly

73.2002, 75.7702, 62.3968

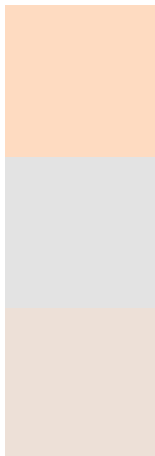
Deuteranomaly

76.2752, 75.3883, 62.7558

Tritanomaly

78.3203, 75.3815, 76.0678

Monochromacy



Original Color

75.8302, 75.5841, 61.0446

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.8464, 76.2221, 75.1102

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.8302, 75.5841, 61.0446 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(254, 219, 193)` looks like.

```
.text, #text, p{  
    color:rgb(254, 219, 193)  
}
```

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(254, 219, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 219, 193) }
```

Border

The CSS property to change the border of an element to XYZ 75.8302, 75.5841, 61.0446 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(254, 219, 193) }
```


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

```
.border{ border-color:rgb(254, 219, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 219, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 219, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 219, 193);  
box-shadow:4px 4px 4px 4px rgb(254, 219,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 75.8302, 75.5841, 61.0446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 219, 193) }
```

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

```
.background{ background-color: rgb(254,  
219, 193) }
```

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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