

Converting Colors

XYZ(76.9894, 78.8404, 65.7604)

Have a look what the booklet for
XYZ(76.9894, 78.8404, 65.7604)
contains.

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Color

**XYZ(77.0460, 78.8868,
65.8095)**

Conversions

Conversions Part 1

Format	Color
Hex	FAE2C8
RGB	250, 226, 200
RGB Percent	98%, 89%, 78%
CMY	0.0196, 0.1137, 0.2157
CMYK	0.00, 0.10, 0.20, 0.02
HSL	31°, 83%, 88%
HSV	31°, 20%, 98%
XYZ	77.0460, 78.8868, 65.8095
YIQ	230.2120, 22.6500, -2.9980

Conversions

Conversions Part 2

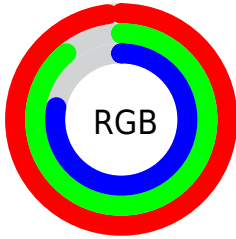
Format	Color
R_{YB}	246, 250, 200
Decimal	16442056
CIE _{Lab}	91.18, 4.21, 15.70
CIE _{LCh}	91, 16.254, 75.003
Yxy	78.8868, 0.3475, 0.3558
Android (android.graphics.Color)	4294632136 (0xFFFAE2C8)
YUV	230.2120, -14.8945, 17.3541
Hunter-Lab	88.8182, -0.5909, 18.2421

Details

The XYZ color **77.0460, 78.8868, 65.8095** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **67.7300, 72.4911, 100.8654**, and the grayscale version is **75.4676, 79.3978, 86.4642**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.7435, 42.5386, 33.2048** is the 20% darker color. If you saturate the color by 10%, you get **71.2113, 71.5168, 50.6092**, and if you desaturate by 10%, it is **83.5910, 86.9117, 83.6054**.

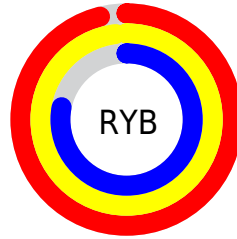
Distribution



Red (98%)

Green (89%)

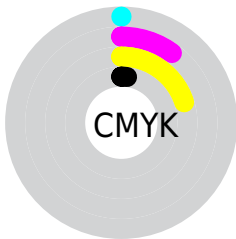
Blue (78%)



Red (96%)

Yellow (98%)

Blue (78%)

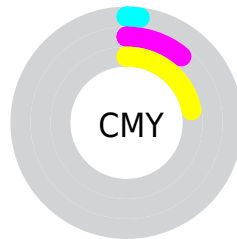


Cyan (0%)

Magenta (10%)

Yellow (20%)

Black (2%)



Cyan (2%)


Magenta (11%)


Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.0460, 78.8868, 65.8095 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 77.0460, 78.8868, 65.8095 by changing the saturation by 10% instead.


 77.0460, 78.8868,
65.8095

 77.0460, 78.8868,
65.8095


473.8104,
491.1733, 464.0809

 57.5907, 58.8027,
47.6623


128.1769,
131.7995, 114.8373

 41.7217, 42.4543,
33.2014


160.5832,
165.3969, 146.5549

 29.0736, 29.4572,
22.0084


198.0372,
204.2676, 183.6330

 19.2810, 19.4270,
13.6647

240.9043,
248.7959, 226.4903

 11.9787, 11.9792,
7.7518

289.5498,
299.3662, 275.5451

 6.8013, 6.7295,
3.8510

344.3391,

 3.3834, 3.2935,

356.3629, 331.2162

1.5440

405.6375,
420.1705, 393.9219

■ 1.3596, 1.2868,
0.2504

■ 0.2272, 0.1310,
0.0000

■ 77.0460, 78.8868,
65.8095

■ 77.0460, 78.8868,
65.8095

■ 71.2113, 71.5168,
50.6092

■ 83.5910, 86.9117,
83.6054

■ 66.0528, 64.7724,
37.8758

■ 90.8662, 95.5983,
104.1072

■ 61.5427, 58.6375,
27.4771

■ 93.2346, 99.0641,
108.8150

■ 57.6484, 53.0913,
19.2662

■ 54.3341, 48.1112,
13.0795

■ 51.5593, 43.6724,
8.7299

■ 49.2765, 39.7472,
5.9946

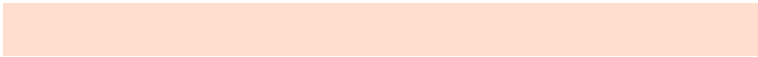
■ 47.4106, 36.2962,
4.5071

■ 47.4105, 36.2960,
4.5070

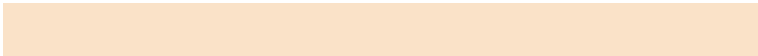
Harmonies

Analogous

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



80.7153, 78.8868, 70.8437



77.0460, 78.8868, 65.8095



72.9495, 78.8868, 65.8100

Triad

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



77.0460, 78.8868, 65.8095



67.5925, 78.8868, 91.8960



80.7160, 78.8868, 102.9365

Complementary

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



77.0460, 78.8868, 65.8095



67.7300, 72.4911, 100.8654

Split Complementary

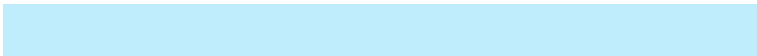
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.0469, 78.8868, 109.6981



77.0460, 78.8868, 65.8095



69.5221, 78.8868, 102.9385

Square

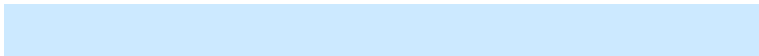
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.0460, 78.8868, 65.8095



67.5923, 78.8868, 80.1621



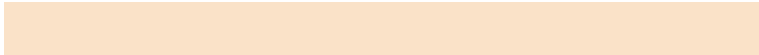
72.9504, 78.8868, 109.6989



82.8863, 78.8868, 91.8934

Rectangle

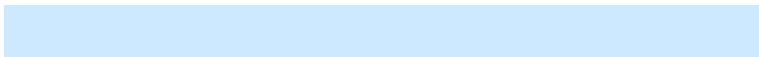
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.0460, 78.8868, 65.8095



70.5311, 78.8868, 68.6352



72.9504, 78.8868, 109.6989



79.6112, 78.8868, 105.8284

Sweetspot

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



77.0481, 78.8903, 65.8112



90.3858, 94.4578, 95.6730



73.5566, 67.0244, 79.7006



19.2412, 20.0920, 20.1833



0.0000, 0.0000, 0.0000



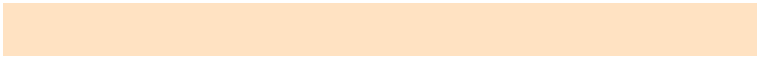
20.3446, 21.4041, 23.3091

Same Dimension

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



77.0481, 78.8903, 65.8112



78.0510, 79.3378, 62.1212



83.7379, 92.7123, 68.1265



17.9915, 18.7188, 18.1272



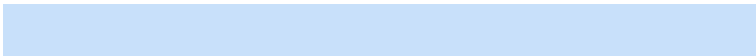
25.2930, 19.5426, 2.4390



2.4487, 2.0224, 0.2613

Inverse Universe

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



67.7300, 72.4911, 100.8654



66.6799, 71.5291, 104.8998



61.9532, 60.6062, 98.8759



16.9703, 18.0175, 21.9686



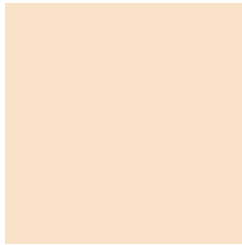
12.8561, 11.0678, 49.4323



1.2962, 1.2361, 4.6134

Previews

White Background



This preview shows how the XYZ color 77.0460, 78.8868, 65.8095 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 77.0460, 78.8868, 65.8095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

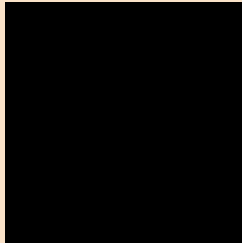
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.0460, 78.8868, 65.8095

Background



This preview shows how black text looks on a background with the XYZ color 77.0460, 78.8868, 65.8095.



This preview shows how white text looks on a background with the XYZ color 77.0460, 78.8868,

65.8095.

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

77.0460, 78.8868, 65.8095

Protanopia

74.6152, 78.8282, 67.1598

Deuteranopia

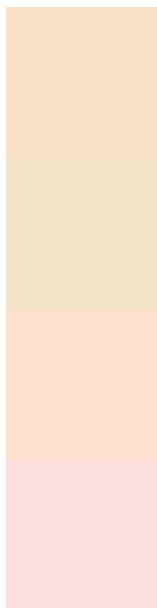
79.0128, 78.5894, 70.6794



Tritanopia

82.5291, 79.1459, 91.8159

Trichromacy



Original Color

77.0460, 78.8868, 65.8095

Protanomaly

75.5942, 78.9369, 66.5105

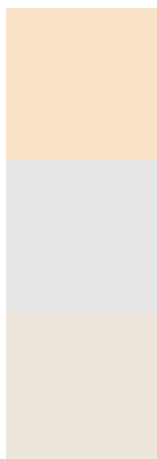
Deuteranomaly

78.1831, 78.6017, 68.8086

Tritanomaly

80.3502, 79.0398, 81.5423

Monochromacy



Original Color

77.0460, 78.8868, 65.8095

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.7305, 79.1576, 78.3054

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.0460, 78.8868, 65.8095 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(250, 226, 200)` looks like.

```
.text, #text, p{  
    color:rgb(250, 226, 200)  
}
```

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(250, 226, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 226, 200) }
```

Border

The CSS property to change the border of an element to XYZ 77.0460, 78.8868, 65.8095 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(250, 226, 200) }
```


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

```
.border{ border-color:rgb(250, 226, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 226, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 226, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 226, 200);  
box-shadow:4px 4px 4px 4px rgb(250, 226,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 77.0460, 78.8868, 65.8095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 226, 200) }
```

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

```
.background{ background-color: rgb(250,  
226, 200) }
```

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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