

Converting Colors

XYZ(76.5596, 77.4922, 65.8047)

Have a look what the booklet for
XYZ(76.5596, 77.4922, 65.8047)
contains.

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Color

**XYZ(76.5967, 77.4547,
65.5568)**

Conversions

Conversions Part 1

Format	Color
Hex	FBDFC8
RGB	251, 223, 200
RGB Percent	98%, 87%, 78%
CMY	0.0157, 0.1255, 0.2157
CMYK	0.00, 0.11, 0.20, 0.02
HSL	27°, 86%, 88%
HSV	27°, 20%, 98%
XYZ	76.5967, 77.4547, 65.5568
YIQ	228.7500, 24.0710, -1.2170

Conversions

Conversions Part 2

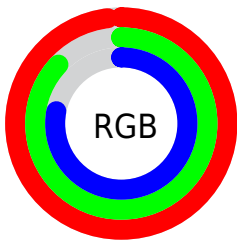
Format	Color
R _Y B	251, 242, 200
Decimal	16506824
CIE Lab	90.53, 6.11, 14.79
CIE LCh	91, 16.004, 67.554
Yxy	77.4547, 0.3488, 0.3527
Android (android.graphics.Color)	4294696904 (0xFFFBDFC8)
YUV	228.7500, -14.1738, 19.5132
Hunter-Lab	88.0084, 1.3401, 17.4411

Details

The XYZ color **76.5967, 77.4547, 65.5568** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.9750, 74.7296, 102.0563**, and the grayscale version is **74.3826, 78.2563, 85.2211**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.4391, 41.5499, 33.0300** is the 20% darker color. If you saturate the color by 10%, you get **70.3686, 69.3135, 50.1769**, and if you desaturate by 10%, it is **83.6102, 86.3946, 83.5762**.

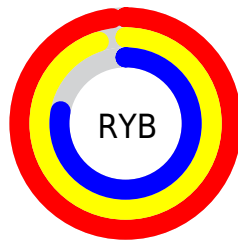
Distribution



Red (98%)

Green (87%)

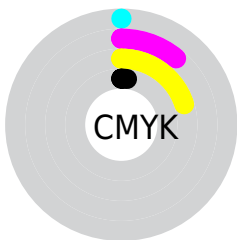
Blue (78%)



Red (98%)

Yellow (95%)

Blue (78%)

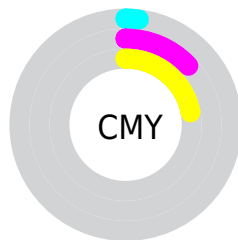


Cyan (0%)

Magenta (11%)

Yellow (20%)

Black (2%)



Cyan (2%)


Magenta (13%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.5967, 77.4547, 65.5568 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 76.5967, 77.4547, 65.5568 by changing the saturation by 10% instead.


 76.5967, 77.4547,
65.5568

 76.5967, 77.4547,
65.5568


472.3009,
486.3129, 463.1510

 57.2207, 57.6261,
47.4585


127.5459,
129.7811, 114.4709

 41.4233, 41.5082,
33.0413


159.8498,
163.0478, 146.1238

 28.8391, 28.7164,
21.8867


197.1937,
201.5626, 183.1320

 19.1028, 18.8664,
13.5762

239.9430,
245.7100, 225.9140

 11.8490, 11.5738,
7.6911

288.4630,
295.8743, 274.8884

 6.7124, 6.4541,
3.8130

343.1191,

 3.3276, 3.1231,

352.4400, 330.4736

1.5233

404.2766,
415.7914, 393.0883

■ 1.3293, 1.1964,
0.2352

■ 0.2050, 0.0587,
0.0000

■ 76.5967, 77.4547,
65.5568

■ 76.5967, 77.4547,
65.5568

■ 70.3686, 69.3135,
50.1769

■ 83.6102, 86.3946,
83.5762

■ 64.8891, 61.9371,
37.3055

■ 91.4315, 96.1454,
104.3476

■ 60.1274, 55.3040,
26.8079

■ 93.5939, 99.2494,
108.8319

■ 56.0480, 49.3878,
18.5345

■ 52.6116, 44.1600,
12.3183

■ 49.7743, 39.5895,
7.9685

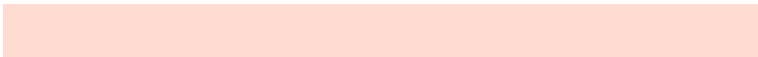
■ 47.4845, 35.6418,
5.2575

■ 45.7136, 32.3687,
3.8384

Harmonies

Analogous

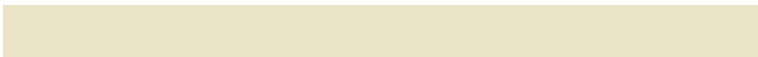
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.8910, 77.4547, 71.5993



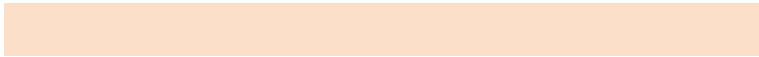
76.5967, 77.4547, 65.5568



72.6111, 77.4547, 64.3145

Triad

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



76.5967, 77.4547, 65.5568



66.2482, 77.4547, 87.2663



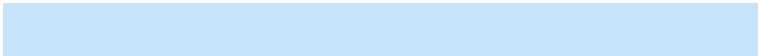
78.4104, 77.4547, 103.0471

Complementary

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



76.5967, 77.4547, 65.5568



68.9750, 74.7296, 102.0563

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.



74.6349, 77.4547, 108.1309



76.5967, 77.4547, 65.5568



67.6830, 77.4547, 98.4979

Square

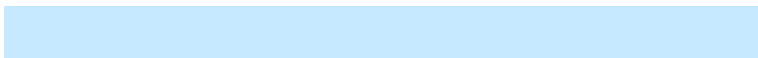
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.5967, 77.4547, 65.5568



66.7307, 77.4547, 76.1947



70.7183, 77.4547, 106.3949



80.9644, 77.4547, 93.0353

Rectangle

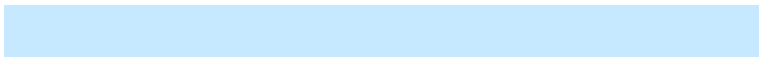
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.5967, 77.4547, 65.5568



70.1147, 77.4547, 66.2612



70.7183, 77.4547, 106.3949



77.2368, 77.4547, 105.4285

Sweetspot

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



76.5988, 77.4582, 65.5584



90.0626, 93.8115, 95.5652



74.4493, 67.4230, 82.5261



19.1649, 19.9393, 20.1578



0.0000, 0.0000, 0.0000



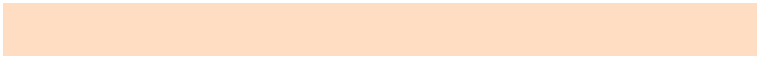
20.3446, 21.4041, 23.3091

Same Dimension

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



76.5988, 77.4582, 65.5584



76.9189, 77.0735, 61.7439



83.9156, 92.0919, 67.9974



17.8894, 18.5146, 18.0932



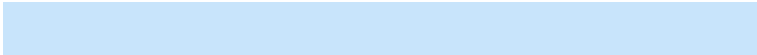
24.1697, 17.2960, 2.0646



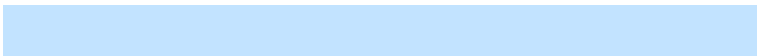
2.3428, 1.8104, 0.2260

Inverse Universe

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



68.9750, 74.7296, 102.0563



67.8239, 73.8170, 105.2811



62.4828, 61.7451, 99.8922



17.0729, 18.2225, 22.0028



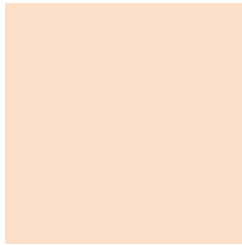
14.0611, 13.4779, 49.8339



1.4082, 1.4601, 4.6508

Previews

White Background



This preview shows how the XYZ color 76.5967, 77.4547, 65.5568 looks on a white background.

Color Contrast Check

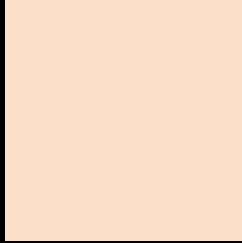
Large Text (above 18pt) WCAG AA × Fail

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 76.5967, 77.4547, 65.5568 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 76.5967, 77.4547, 65.5568

Background



This preview shows how black text looks on a background with the XYZ color 76.5967, 77.4547, 65.5568.



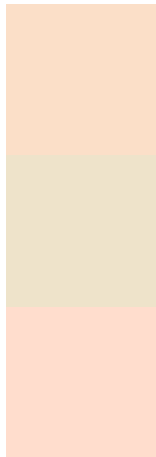
This preview shows how white text looks on a background with the XYZ color 76.5967, 77.4547,

65.5568.

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

76.5967, 77.4547, 65.5568

Protanopia

73.3897, 77.3796, 66.9448

Deuteranopia

78.1159, 77.3807, 68.5764



Tritanopia

81.3068, 77.4010, 89.2518

Trichromacy



Original Color

76.5967, 77.4547, 65.5568

Protanomaly

74.7011, 77.6644, 66.3119

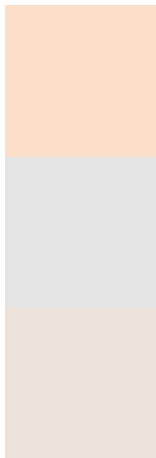
Deuteranomaly

77.7738, 77.6252, 67.3839

Tritanomaly

79.6511, 77.5312, 79.8742

Monochromacy



Original Color

76.5967, 77.4547, 65.5568

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.0490, 78.0047, 77.4306

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.5967, 77.4547, 65.5568 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(251, 223, 200)` looks like.

```
.text, #text, p{  
    color:rgb(251, 223, 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(251, 223, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 223, 200) }
```

Border

The CSS property to change the border of an element to XYZ 76.5967, 77.4547, 65.5568 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(251, 223, 200) }
```


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

```
.border{ border-color:rgb(251, 223, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 223, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 223, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 223, 200);  
box-shadow:4px 4px 4px 4px rgb(251, 223,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 76.5967, 77.4547, 65.5568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 223, 200) }
```

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

```
.background{ background-color: rgb(251,  
223, 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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