

Converting Colors

XYZ(75.8091, 75.1947, 63.5627)

Have a look what the booklet for
XYZ(75.8091, 75.1947, 63.5627)
contains.

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Color

**XYZ(75.6575, 75.0567,
63.3231)**

Conversions

Conversions Part 1

Format	Color
Hex	FDDAC5
RGB	253, 218, 197
RGB Percent	99%, 85%, 77%
CMY	0.0078, 0.1451, 0.2274
CMYK	0.00, 0.14, 0.22, 0.01
HSL	23°, 93%, 88%
HSV	23°, 22%, 99%
XYZ	75.6575, 75.0567, 63.3231
YIQ	226.0710, 27.6010, 0.8890

Conversions

Conversions Part 2

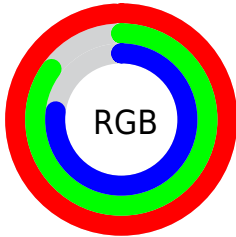
Format	Color
R_{YB}	253, 231, 197
Decimal	16636613
CIE _{Lab}	89.42, 8.99, 14.82
CIE _{LCh}	89, 17.330, 58.754
Yxy	75.0567, 0.3535, 0.3507
Android (android.graphics.Color)	4294826693 (0xFFFDAC5)
YUV	226.0710, -14.3320, 23.6167
Hunter-Lab	86.6353, 4.2701, 17.3087

Details

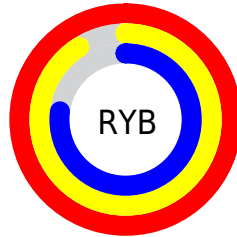
The XYZ color **75.6575, 75.0567, 63.3231** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.6116, 76.6734, 104.0596**, and the grayscale version is **72.4282, 76.2001, 82.9819**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **40.8201, 39.9133, 31.5392** is the 20% darker color. If you saturate the color by 10%, you get **69.0925, 66.1829, 48.0126**, and if you desaturate by 10%, it is **83.1042, 84.9141, 81.3294**.

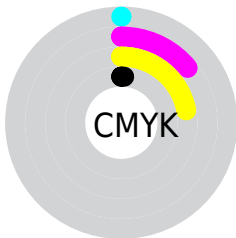
Distribution



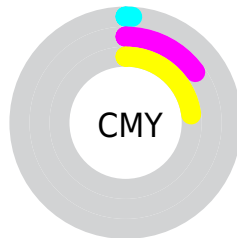
- Red (99%)
- Green (85%)
- Blue (77%)



- Red (99%)
- Yellow (91%)
- Blue (77%)



- Cyan (0%)
- Magenta (14%)
- Yellow (22%)
- Black (1%)





- Cyan (1%)
- Magenta (15%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.6575, 75.0567, 63.3231 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 75.6575, 75.0567, 63.3231 by changing the saturation by 10% instead.

 75.6575, 75.0567,
63.3231

 75.6575, 75.0567,
63.3231

469.1369,
478.1124, 454.8813

 56.4478, 55.6593,
45.6600


126.2256,
126.3926, 111.2256

 40.8005, 39.9299,
31.6309


158.3147,
159.1000, 142.3020

 28.3502, 27.4839,
20.8172


195.4276,
197.0128, 178.6866

 18.7316, 17.9370,
12.8005

237.9296,
240.5154, 220.7980

 11.5793, 10.9047,
7.1622

286.1863,
289.9923, 269.0546

 6.5281, 6.0028,
3.4838

340.5628,

 3.2125, 2.8468,

345.8279, 323.8750

1.3466

401.4245,
408.4064, 385.6777

■ 1.2671, 1.0523,
0.0996

■ 0.1584, 0.0000,
0.0000

■ 75.6575, 75.0567,
63.3231

■ 75.6575, 75.0567,
63.3231

■ 69.0925, 66.1829,
48.0126

■ 83.1042, 84.9141,
81.3294

■ 63.3681, 58.2511,
35.2619

■ 91.4596, 95.7749,
102.1493

■ 58.4485, 51.2314,
24.9299

■ 94.3183, 99.6228,
108.8658

■ 54.2927, 45.0882,
16.8598

■ 50.8557, 39.7835,
10.8763

■ 48.0867, 35.2756,
6.7774

■ 45.9262, 31.5181,
4.3202

■ 44.5913, 29.0488,
3.2568

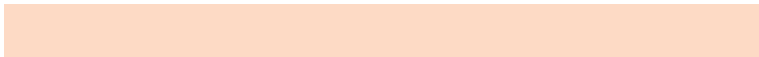
Harmonies

Analogous

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



78.7371, 75.0567, 70.9867



75.6575, 75.0567, 63.3231



71.5168, 75.0567, 60.5099

Triad

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



75.6575, 75.0567, 63.3231



63.4858, 75.0567, 81.2165



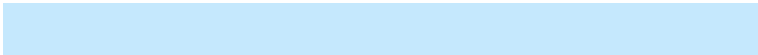
75.3381, 75.0567, 103.9792

Complementary

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



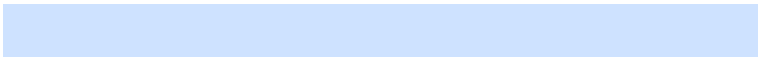
75.6575, 75.0567, 63.3231



69.6116, 76.6734, 104.0596

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.



71.1617, 75.0567, 107.3939



75.6575, 75.0567, 63.3231



64.4197, 75.0567, 93.4929

Square

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



75.6575, 75.0567, 63.3231



64.5857, 75.0567, 70.1879



67.1883, 75.0567, 103.3833



78.5476, 75.0567, 94.4596

Rectangle

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



75.6575, 75.0567, 63.3231



68.7470, 75.0567, 61.5267



67.1883, 75.0567, 103.3833



73.9957, 75.0567, 105.9184

Sweetspot

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



75.6595, 75.0601, 63.3247



88.8522, 91.9915, 93.3088



75.1069, 66.6688, 85.6025



18.9083, 19.5473, 19.6987



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.



75.6595, 75.0601, 63.3247



73.6561, 71.8860, 56.5313



83.4007, 90.5425, 65.9051



18.5676, 19.1033, 18.8530



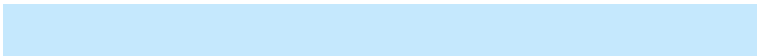
23.8491, 15.7094, 1.7752



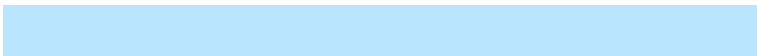
2.4230, 1.7313, 0.2065

Inverse Universe

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



69.6116, 76.6734, 104.0596



66.4040, 73.8135, 105.3553



62.4604, 62.3711, 101.6759



17.9488, 19.2692, 23.0233



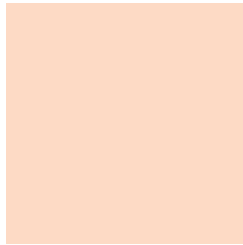
16.0897, 17.0890, 51.8851



1.6717, 1.8740, 5.0869

Previews

White Background



This preview shows how the XYZ color 75.6575, 75.0567, 63.3231 looks on a white background.

Color Contrast Check

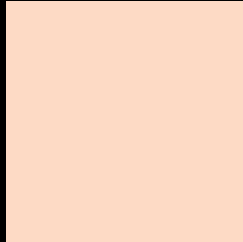
Large Text (above 18pt) WCAG AA × Fail

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 75.6575, 75.0567, 63.3231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

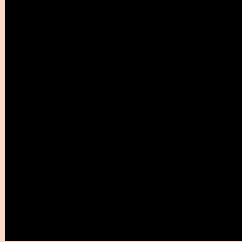
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.6575, 75.0567, 63.3231

Background



This preview shows how black text looks on a background with the XYZ color 75.6575, 75.0567, 63.3231.



This preview shows how white text looks on a background with the XYZ color 75.6575, 75.0567,

63.3231.

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

75.6575, 75.0567, 63.3231

Protanopia

71.3419, 75.1436, 65.3876

Deuteranopia

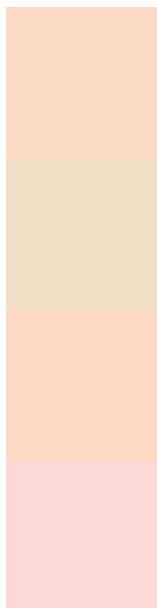
76.3617, 75.0092, 64.4864



Tritanopia

79.4294, 75.0103, 84.4208

Trichromacy



Original Color

75.6575, 75.0567, 63.3231

Protanomaly

73.0480, 75.2433, 64.7062

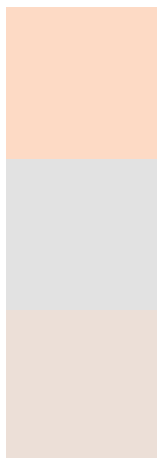
Deuteranomaly

75.8789, 74.7738, 63.8596

Tritanomaly

77.6979, 74.6815, 75.9655

Monochromacy



Original Color

75.6575, 75.0567, 63.3231

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.2455, 75.5145, 75.0053

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.6575, 75.0567, 63.3231 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(253, 218, 197)` looks like.

```
.text, #text, p{  
    color:rgb(253, 218, 197)  
}
```

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(253, 218, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 218, 197) }
```

Border

The CSS property to change the border of an element to XYZ 75.6575, 75.0567, 63.3231 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(253, 218, 197) }
```


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

```
.border{ border-color:rgb(253, 218, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 218, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 218, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 218, 197);  
box-shadow:4px 4px 4px 4px rgb(253, 218,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 75.6575, 75.0567, 63.3231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 218, 197) }
```

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

```
.background{ background-color: rgb(253,  
218, 197) }
```

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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