

Converting Colors

XYZ(66.3986, 60.9984, 52.0180)

Have a look what the booklet for
XYZ(66.3986, 60.9984, 52.0180)
contains.

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Color

**XYZ(66.3956, 60.9218,
51.9757)**

Conversions

Conversions Part 1

Format	Color
Hex	FABFB5
RGB	250, 191, 181
RGB Percent	98%, 75%, 71%
CMY	0.0196, 0.2510, 0.2902
CMYK	0.00, 0.24, 0.28, 0.02
HSL	9°, 87%, 85%
HSV	9°, 28%, 98%
XYZ	66.3956, 60.9218, 51.9757
YIQ	207.5010, 38.3740, 9.3980

Conversions

Conversions Part 2

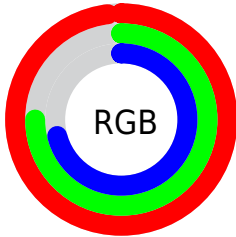
Format	Color
R _Y B	250, 193, 181
Decimal	16433077
CIE Lab	82.34, 19.78, 13.24
CIE LCh	82, 23.803, 33.794
Yxy	60.9218, 0.3703, 0.3398
Android (android.graphics.Color)	4294623157 (0xFFFABFB5)
YUV	207.5010, -13.0650, 37.2716
Hunter-Lab	78.0524, 15.2500, 15.1550

Details

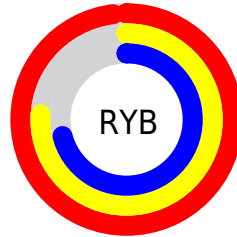
The XYZ color **66.3956, 60.9218, 51.9757** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.4704, 79.0435, 102.1435**, and the grayscale version is **59.6971, 62.8060, 68.3957**.

A 20% lighter version of the original color is **90.0935, 94.5092, 93.6144**, and **34.5802, 30.6563, 24.5168** is the 20% darker color. If you saturate the color by 10%, you get **59.7310, 51.3358, 38.2137**, and if you desaturate by 10%, it is **74.2041, 72.0582, 68.3911**.

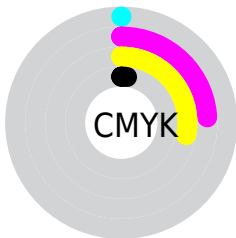
Distribution



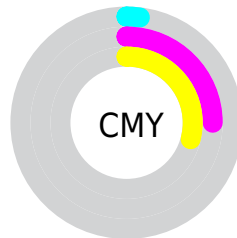
- Red (98%)
- Green (75%)
- Blue (71%)



- Red (98%)
- Yellow (76%)
- Blue (71%)



- Cyan (0%)
- Magenta (24%)
- Yellow (28%)
- Black (2%)





- Cyan (2%)
- Magenta (25%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.3956, 60.9218, 51.9757 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 66.3956, 60.9218, 51.9757 by changing the saturation by 10% instead.


 66.3956, 60.9218,
51.9757

 66.3956, 60.9218,
51.9757


437.2567,
427.9872, 411.2971

 48.8625, 44.1621,
36.6036


 113.1085,
106.1657, 94.5216

 34.7245, 30.7979,
24.6073


143.0191,
135.4187, 122.5325

 23.6163, 20.4450,
15.5684


177.7861,
169.6048, 155.5934

 15.1724, 12.7190,
9.0682

217.7751,
209.1085, 194.1229

 9.0276, 7.2353,
4.6883

263.3512,
254.3142, 238.5394

 4.8164, 3.6097,
2.0100


314.8800,


 2.1736, 1.4577,


305.6063, 289.2616


0.5614


372.7267,
363.3692, 346.7080


 0.7288, 0.2587,
0.0000


 0.0000, 0.0000,
0.0000


 66.3956, 60.9218,
51.9757


 66.3956, 60.9218,
51.9757


 59.7310, 51.3358,
38.2137


 74.2041, 72.0582,
68.3911

 54.1514, 43.2231,
26.9620

 83.2019, 84.8006,
87.5853

 49.6001, 36.5128,
18.0695

 93.2344, 99.0640,
108.8150

 46.0130, 31.1247,
11.3674

■ 43.3188, 26.9706,
6.6642

■ 41.4358, 23.9511,
3.7355

■ 40.2635, 21.9496,
2.2869

■ 40.0629, 21.6010,
2.0579

Harmonies

Analogous

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



68.1939, 60.9218, 64.5018



66.3956, 60.9218, 51.9757



62.3199, 60.9218, 44.2917

Triad

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



66.3956, 60.9218, 51.9757



49.5854, 60.9218, 54.7451



58.5523, 60.9218, 98.2982

Complementary

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



66.3956, 60.9218, 51.9757



67.4704, 79.0435, 102.1435

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.



53.7024, 60.9218, 94.6902



66.3956, 60.9218, 51.9757



48.7057, 60.9218, 68.1995

Square

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



66.3956, 60.9218, 51.9757



52.6461, 60.9218, 45.7191



50.1698, 60.9218, 83.1182



63.5016, 60.9218, 92.3656

Rectangle

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



66.3956, 60.9218, 51.9757



58.9653, 60.9218, 42.2550



50.1698, 60.9218, 83.1182



56.8562, 60.9218, 98.1650

Sweetspot

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



66.3972, 60.9246, 51.9769



86.6237, 88.1271, 90.7393



71.7959, 59.7113, 90.8042



18.2218, 18.4118, 18.7378



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.



66.3972, 60.9246, 51.9769



65.5206, 58.0829, 46.2110



74.6094, 77.3490, 54.7143



17.4476, 17.6311, 17.9460



21.3122, 11.5810, 1.1121



2.0331, 1.1911, 0.1227

Inverse Universe

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



67.4704, 79.0435, 102.1435



66.8021, 79.8415, 106.4979



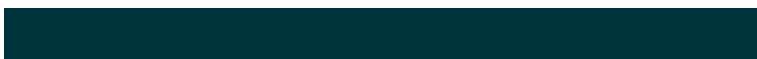
58.4556, 61.0137, 99.1385



17.5387, 19.1543, 22.1581



21.9568, 29.2692, 52.4658



2.0903, 2.8243, 4.8781

Previews

White Background



This preview shows how the XYZ color 66.3956, 60.9218, 51.9757 looks on a white background.

Color Contrast Check

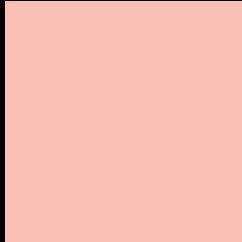
Large Text (above 18pt) WCAG AA × Fail

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 66.3956, 60.9218, 51.9757 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 66.3956, 60.9218, 51.9757

Background



This preview shows how black text looks on a background with the XYZ color 66.3956, 60.9218, 51.9757.



This preview shows how white text looks on a background with the XYZ color 66.3956, 60.9218,

51.9757.

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

66.3956, 60.9218, 51.9757

Protanopia

58.1105, 60.9627, 56.2812

Deuteranopia

62.3640, 61.1759, 51.7012



Tritanopia

68.7888, 60.9262, 64.0115

Trichromacy



Original Color

66.3956, 60.9218, 51.9757

Protanomaly

60.5444, 60.5184, 54.3891

Deuteranomaly

63.6885, 60.8508, 51.5686

Tritanomaly

67.7189, 60.7995, 59.2052

Monochromacy



Original Color

66.3956, 60.9218, 51.9757

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

61.7450, 62.0063, 62.1402

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.3956, 60.9218, 51.9757 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, 191, 181)` looks like.

```
.text, #text, p{  
    color:rgb(250, 191, 181)  
}
```

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, 191, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 191, 181) }
```

Border

The CSS property to change the border of an element to XYZ 66.3956, 60.9218, 51.9757 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, 191, 181) }
```


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

```
.border{ border-color:rgb(250, 191, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 191, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 191, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 191, 181);  
box-shadow:4px 4px 4px 4px rgb(250, 191,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 66.3956, 60.9218, 51.9757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 191, 181) }
```

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

```
.background{ background-color: rgb(250,  
191, 181) }
```

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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