

Converting Colors

XYZ(66.2853, 59.7937, 50.9787)

Have a look what the booklet for
XYZ(66.2853, 59.7937, 50.9787)
contains.

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Color

**XYZ(66.3663, 59.9572,
51.2550)**

Conversions

Conversions Part 1

Format	Color
Hex	FCBCB4
RGB	252, 188, 180
RGB Percent	99%, 74%, 71%
CMY	0.0118, 0.2627, 0.2941
CMYK	0.00, 0.25, 0.29, 0.01
HSL	7°, 92%, 85%
HSV	7°, 29%, 99%
XYZ	66.3663, 59.9572, 51.2550
YIQ	206.2240, 40.7120, 11.0800

Conversions

Conversions Part 2

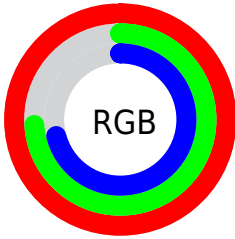
Format	Color
R _Y B	252, 189, 180
Decimal	16563380
CIE Lab	81.81, 21.97, 13.07
CIE LCh	82, 25.557, 30.746
Yxy	59.9572, 0.3737, 0.3376
Android (android.graphics.Color)	4294753460 (0xFFFCBCB4)
YUV	206.2240, -12.9284, 40.1456
Hunter-Lab	77.4320, 17.4847, 14.9563

Details

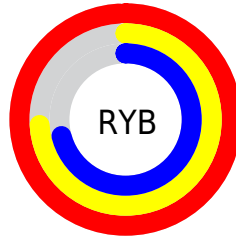
The XYZ color **66.3663, 59.9572, 51.2550** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.7426, 81.4302, 104.1901**, and the grayscale version is **58.8730, 61.9390, 67.4516**.

A 20% lighter version of the original color is **88.7310, 92.0175, 92.4414**, and **34.6040, 30.0518, 24.0554** is the 20% darker color. If you saturate the color by 10%, you get **59.6098, 50.1856, 37.4680**, and if you desaturate by 10%, it is **74.3353, 71.4062, 67.7500**.

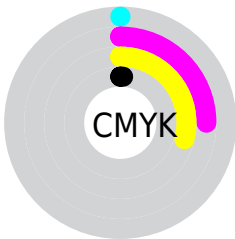
Distribution



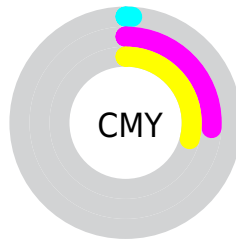
- Red (99%)
- Green (74%)
- Blue (71%)



- Red (99%)
- Yellow (74%)
- Blue (71%)



- Cyan (0%)
- Magenta (25%)
- Yellow (29%)
- Black (1%)





- Cyan (1%)
- Magenta (26%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.3663, 59.9572, 51.2550 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 66.3663, 59.9572, 51.2550 by changing the saturation by 10% instead.


 66.3663, 59.9572,
51.2550

 66.3663, 59.9572,
51.2550


437.1538,
424.4400, 408.4285

 48.8386, 43.3841,
36.0335


 113.0667,
104.7676, 93.4470

 34.7055, 30.1866,
24.1701


142.9702,
133.7737, 121.2544

 23.6015, 19.9803,
15.2465


177.7296,
167.6929, 154.0943

 15.1614, 12.3807,
8.8440

217.7104,
206.9097, 192.3851

 9.0198, 7.0035,
4.5442

263.2778,
251.8084, 236.5454

 4.8113, 3.4643,
1.9284

314.7973,

 2.1706, 1.3787,

302.7734, 286.9937

0.5107

372.6342,
360.1892, 344.1486

0.7272, 0.2009,
0.0000

0.0000, 0.0000,
0.0000

66.3663, 59.9572,
51.2550

66.3663, 59.9572,
51.2550

59.6098, 50.1856,
37.4680

74.3353, 71.4062,
67.7500

54.0015, 42.0045,
26.2406

83.5674, 84.5975,
87.0833

49.4786, 35.3322,
17.4158

93.9549, 99.4355,
108.8488

45.9701, 30.0759,
10.8179

■ 43.3963, 26.1328,
6.2471

■ 41.6657, 23.3861,
3.4675

■ 40.6604, 21.6948,
2.1479

■ 40.5606, 21.5269,
2.0173

Harmonies

Analogous

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



67.9908, 59.9572, 64.8975



66.3663, 59.9572, 51.2550



62.2034, 59.9572, 42.6614

Triad

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



66.3663, 59.9572, 51.2550



48.4156, 59.9572, 51.8268



57.1226, 59.9572, 99.6848

Complementary

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



66.3663, 59.9572, 51.2550



68.7426, 81.4302, 104.1901

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.



52.0717, 59.9572, 94.7524



66.3663, 59.9572, 51.2550



47.2404, 59.9572, 65.6704

Square

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



66.3663, 59.9572, 51.2550



51.8519, 59.9572, 42.9531



48.5368, 59.9572, 81.6625



62.4515, 59.9572, 94.2578

Rectangle

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



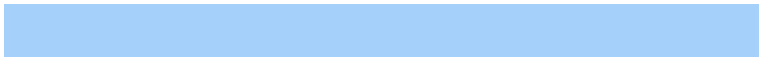
66.3663, 59.9572, 51.2550



58.6703, 59.9572, 40.1526



48.5368, 59.9572, 81.6625



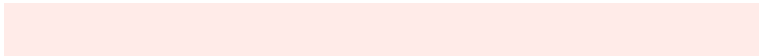
55.3372, 59.9572, 99.1768

Sweetspot

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



66.3679, 59.9600, 51.2562



85.4070, 86.2779, 88.5330



72.9174, 59.9189, 93.9488



17.9692, 18.0228, 18.2950



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.



66.3679, 59.9600, 51.2562



64.2443, 55.9151, 44.5991



74.8246, 76.8735, 54.0751



17.3999, 17.5357, 17.9301



21.1797, 11.3161, 1.0679



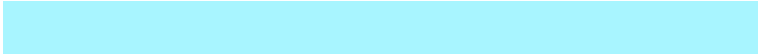
2.0107, 1.1462, 0.1153

Inverse Universe

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



68.7426, 81.4302, 104.1901



67.0239, 81.1009, 106.7292



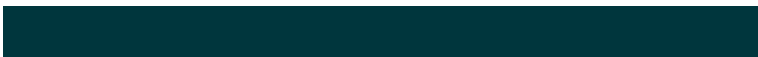
59.1451, 62.2350, 100.9909



17.5913, 19.2595, 22.1756



23.1037, 31.5630, 52.8481



2.1854, 3.0144, 4.9098

Previews

White Background



This preview shows how the XYZ color 66.3663, 59.9572, 51.2550 looks on a white background.

Color Contrast Check

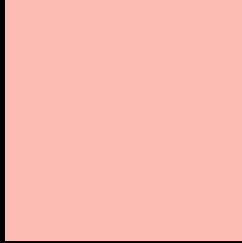
Large Text (above 18pt) WCAG AA × Fail

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 66.3663, 59.9572, 51.2550 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 66.3663, 59.9572, 51.2550

Background



This preview shows how black text looks on a background with the XYZ color 66.3663, 59.9572, 51.2550.



This preview shows how white text looks on a background with the XYZ color 66.3663, 59.9572,

51.2550.

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

66.3663, 59.9572, 51.2550

Protanopia

57.2970, 60.1916, 56.1752

Deuteranopia

61.3801, 60.0178, 50.4690



Tritanopia

68.5308, 59.8923, 61.9812

Trichromacy



Original Color

66.3663, 59.9572, 51.2550

Protanomaly

60.3151, 60.0597, 54.3127

Deuteranomaly

63.1418, 59.9199, 50.8856

Tritanomaly

67.5813, 59.8062, 57.8510

Monochromacy



Original Color

66.3663, 59.9572, 51.2550

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

60.9329, 60.5660, 61.3022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.3663, 59.9572, 51.2550 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(252, 188, 180)` looks like.

```
.text, #text, p{  
    color:rgb(252, 188, 180)  
}
```

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(252, 188, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 188, 180) }
```

Border

The CSS property to change the border of an element to XYZ 66.3663, 59.9572, 51.2550 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(252, 188, 180) }
```


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

```
.border{ border-color:rgb(252, 188, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 188, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 188, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 188, 180);  
box-shadow:4px 4px 4px 4px rgb(252, 188,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 66.3663, 59.9572, 51.2550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 188, 180) }
```

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

```
.background{ background-color: rgb(252,  
188, 180) }
```

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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