

Converting Colors

XYZ(63.8607, 53.0587, 57.9741)

Have a look what the booklet for
XYZ(63.8607, 53.0587, 57.9741)
contains.

XYZ(63.8960, 53.1537, 57.9309)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(63.8960, 53.1537,
57.9309)**

Conversions

Conversions Part 1

Format	Color
Hex	FBAAC2
RGB	251, 170, 194
RGB Percent	98%, 67%, 76%
CMY	0.0157, 0.3333, 0.2392
CMYK	0.00, 0.32, 0.23, 0.02
HSL	342°, 91%, 83%
HSV	342°, 32%, 98%
XYZ	63.8960, 53.1537, 57.9309
YIQ	196.9550, 40.5720, 24.6360

Conversions

Conversions Part 2

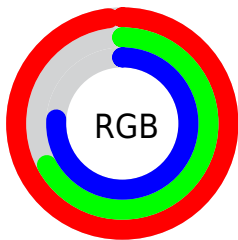
Format	Color
R _Y B	251, 170, 194
Decimal	16493250
CIE Lab	77.97, 32.98, -0.05
CIE LCh	78, 32.983, 359.910
Yxy	53.1537, 0.3652, 0.3038
Android (android.graphics.Color)	4294683330 (0xFFFBAAC2)
YUV	196.9550, -1.4568, 47.3975
Hunter-Lab	72.9066, 28.8525, 3.9233

Details

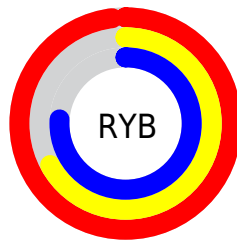
The XYZ color **63.8960, 53.1537, 57.9309** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **64.9422, 83.0878, 85.2919**, and the grayscale version is **53.0364, 55.7984, 60.7645**.

A 20% lighter version of the original color is **85.6917, 82.5548, 101.8607**, and **33.0872, 25.9535, 28.0766** is the 20% darker color. If you saturate the color by 10%, you get **57.7648, 43.8794, 46.6744**, and if you desaturate by 10%, it is **71.1643, 64.3238, 70.7311**.

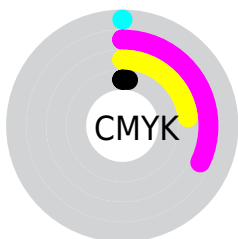
Distribution



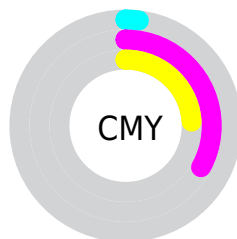
- Red (98%)
- Green (67%)
- Blue (76%)



- Red (98%)
- Yellow (67%)
- Blue (76%)



- Cyan (0%)
- Magenta (32%)
- Yellow (23%)
- Black (2%)





- Cyan (2%)
- Magenta (33%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.8960, 53.1537, 57.9309 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 63.8960, 53.1537, 57.9309 by changing the saturation by 10% instead.


 63.8960, 53.1537,
57.9309

 63.8960, 53.1537,
57.9309


428.4222,
398.8745, 434.5195

 46.8278, 37.9255,
41.3388

 109.5357, 94.8305,
103.3360

 33.1069, 25.9249,
28.2622


138.8380,
122.0479, 132.9861

 22.3680, 16.7674,
18.2826


172.9489,
154.0304, 167.8258

 14.2457, 10.0688,
10.9816

212.2340,
191.1625, 208.2739

 8.3746, 5.4446,
5.9404

257.0585,
233.8286, 254.7487

 4.3894, 2.5104,
2.7407

307.7878,

 1.9247, 0.8818,

282.4130, 307.6689

0.9638

364.7872,
337.3002, 367.4530

■ 0.5911, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.8960, 53.1537,
57.9309

■ 63.8960, 53.1537,
57.9309

■ 57.7648, 43.8794,
46.6744

■ 71.1643, 64.3238,
70.7311

■ 52.7067, 36.3875,
36.8978

■ 79.6201, 77.4796,
85.1286

■ 48.6580, 30.5642,
28.5377

■ 89.3165, 92.7147,
101.1785

■ 45.5462, 26.2792,
21.5241

■ 93.5939, 99.2493,
108.8319

■ 43.2885, 23.3826,
15.7805

■ 41.7858, 21.6938,
11.2211

■ 41.0321, 21.0086,
8.4347

Harmonies

Analogous

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



61.9705, 53.1537, 77.4681



63.8960, 53.1537, 57.9309



61.9927, 53.1537, 41.9781

Triad

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



63.8960, 53.1537, 57.9309



44.6130, 53.1537, 32.3242



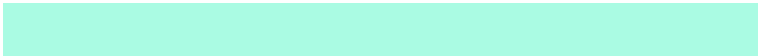
44.5821, 53.1537, 94.1640

Complementary

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



63.8960, 53.1537, 57.9309



64.9422, 83.0878, 85.2919

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.



40.5597, 53.1537, 77.3513



63.8960, 53.1537, 57.9309



40.5765, 53.1537, 41.9005

Square

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



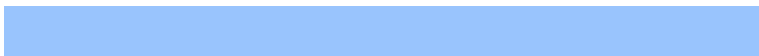
63.8960, 53.1537, 57.9309



50.5404, 53.1537, 29.2352



39.1562, 53.1537, 57.8198



50.5016, 53.1537, 100.9085

Rectangle

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



63.8960, 53.1537, 57.9309



58.8937, 53.1537, 34.8260



39.1562, 53.1537, 57.8198



42.9820, 53.1537, 89.3486

Sweetspot

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



63.8975, 53.1562, 57.9320



84.6919, 83.6933, 91.8532



63.3733, 51.9994, 97.9640



17.8385, 17.4611, 19.1775



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.



63.8975, 53.1562, 57.9320



61.8114, 48.3895, 51.9881



64.6423, 58.6161, 45.9403



17.4562, 17.3098, 18.9919



21.6234, 11.0651, 4.7251



2.0471, 1.0426, 0.6712

Inverse Universe

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



63.8975, 53.1562, 57.9320



61.8114, 48.3895, 51.9881



63.6432, 74.8150, 102.3537



17.4562, 17.3098, 18.9919



21.6234, 11.0651, 4.7251



2.0471, 1.0426, 0.6712

Previews

White Background



This preview shows how the XYZ color 63.8960, 53.1537, 57.9309 looks on a white background.

Color Contrast Check

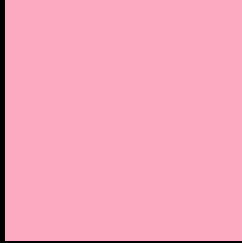
Large Text (above 18pt) WCAG AA × Fail

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 63.8960, 53.1537, 57.9309 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 63.8960, 53.1537, 57.9309

Background



This preview shows how black text looks on a background with the XYZ color 63.8960, 53.1537, 57.9309.



This preview shows how white text looks on a background with the XYZ color 63.8960, 53.1537,

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

63.8960, 53.1537, 57.9309

Protanopia

52.1044, 53.5417, 66.6199

Deuteranopia

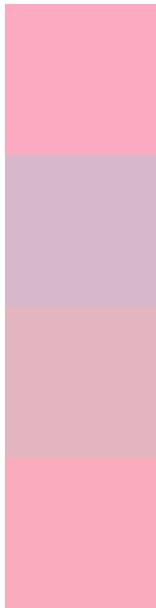
54.6149, 53.4484, 56.7283



Tritanopia

62.9338, 53.3318, 52.8760

Trichromacy



Original Color

63.8960, 53.1537, 57.9309

Protanomaly

55.5327, 52.8414, 63.1496

Deuteranomaly

57.7169, 53.1844, 57.0928

Tritanomaly

63.0644, 53.0807, 54.4987

Monochromacy



Original Color

63.8960, 53.1537, 57.9309

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

56.3494, 54.2779, 59.7313

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.8960, 53.1537, 57.9309 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, 170, 194)` looks like.

```
.text, #text, p{  
    color:rgb(251, 170, 194)  
}
```

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, 170, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 170, 194) }
```

Border

The CSS property to change the border of an element to XYZ 63.8960, 53.1537, 57.9309 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, 170, 194) }
```


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

```
.border{ border-color:rgb(251, 170, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 170, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 170, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 170, 194);  
box-shadow:4px 4px 4px 4px rgb(251, 170,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 63.8960, 53.1537, 57.9309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 170, 194) }
```

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

```
.background{ background-color: rgb(251,  
170, 194) }
```

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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