

Converting Colors

XYZ(63.5716, 53.9970, 63.5746)

Have a look what the booklet for
XYZ(63.5716, 53.9970, 63.5746)
contains.

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Color

**XYZ(63.5717, 53.9964,
63.5717)**

Conversions

Conversions Part 1

Format	Color
Hex	F5AECB
RGB	245, 174, 203
RGB Percent	96%, 68%, 80%
CMY	0.0392, 0.3176, 0.2039
CMYK	0.00, 0.29, 0.17, 0.04
HSL	335°, 78%, 82%
HSV	335°, 29%, 96%
XYZ	63.5717, 53.9964, 63.5717
YIQ	198.5350, 33.0070, 24.0710

Conversions

Conversions Part 2

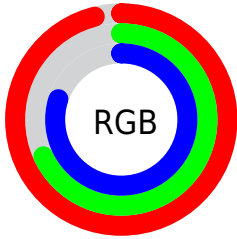
Format	Color
R _Y B	245, 174, 203
Decimal	16101067
CIE Lab	78.46, 30.11, -4.30
CIE LCh	78, 30.417, 351.877
Yxy	53.9964, 0.3510, 0.2981
Android (android.graphics.Color)	4294291147 (0xFFF5AECB)
YUV	198.5350, 2.2012, 40.7498
Hunter-Lab	73.4822, 25.8318, 0.1440

Details

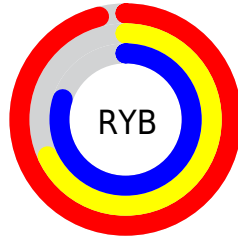
The XYZ color **63.5717, 53.9964, 63.5717** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **62.5049, 79.2627, 76.9743**, and the grayscale version is **53.9764, 56.7874, 61.8414**.

A 20% lighter version of the original color is **87.5868, 85.0736, 106.4123**, and **33.0012, 26.5360, 31.8164** is the 20% darker color. If you saturate the color by 10%, you get **57.6160, 44.7207, 53.4594**, and if you desaturate by 10%, it is **70.5553, 65.0681, 74.8245**.

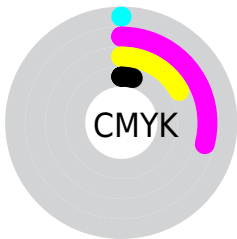
Distribution



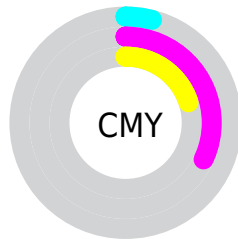
- Red (96%)
- Green (68%)
- Blue (80%)



- Red (96%)
- Yellow (68%)
- Blue (80%)



- Cyan (0%)
- Magenta (29%)
- Yellow (17%)
- Black (4%)




- Cyan (4%)
- Magenta (32%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.5717, 53.9964, 63.5717 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 63.5717, 53.9964, 63.5717 by changing the saturation by 10% instead.


 63.5717, 53.9964,
63.5717

 63.5717, 53.9964,
63.5717


427.2681,
402.0963, 455.8063

 46.5642, 38.5988,
45.8599


 109.0711, 96.0690,
111.5874

 32.8978, 26.4477,
31.7874


138.2937,
123.5127, 142.7284

 22.2070, 17.1589,
20.9357


172.3188,
155.7406, 179.1829

 14.1266, 10.3479,
12.8862

211.5116,
193.1370, 221.3694

 8.2910, 5.6302,
7.2204

256.2376,
236.0864, 269.7064

 4.3351, 2.6215,
3.5198

306.8621,

 1.8934, 0.9375,

284.9732, 324.6125

1.3658

363.7505,
340.1817, 386.5063

■ 0.5730, 0.0000,
0.1148

■ 0.0000, 0.0000,
0.0000

■ 63.5717, 53.9964,
63.5717

■ 63.5717, 53.9964,
63.5717

■ 57.6160, 44.7207,
53.4594

■ 70.5553, 65.0681,
74.8245

■ 52.6320, 37.1378,
44.4455

■ 78.6096, 78.0168,
87.2513

■ 48.5654, 31.1456,
36.4898

■ 87.7810, 92.9277,
100.8882

■ 45.3540, 26.6274,
29.5476

■ 91.4664, 98.1526,
108.7323

■ 42.9275, 23.4507,
23.5706

■ 41.2030, 21.4585,
18.5048

■ 40.0593, 20.4173,
14.2817

■ 39.9596, 20.3339,
13.8909

Harmonies

Analogous

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



60.9128, 53.9964, 81.5647



63.5717, 53.9964, 63.5717



62.7530, 53.9964, 47.3530

Triad

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



63.5717, 53.9964, 63.5717



47.1543, 53.9964, 33.2156



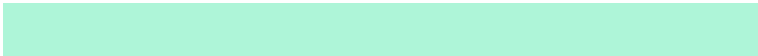
44.5434, 53.9964, 88.7015

Complementary

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



63.5717, 53.9964, 63.5717



62.5049, 79.2627, 76.9743

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.



41.3709, 53.9964, 71.9412



63.5717, 53.9964, 63.5717



42.7947, 53.9964, 40.7109

Square

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



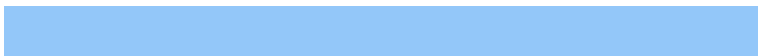
63.5717, 53.9964, 63.5717



52.9645, 53.9964, 31.8398



40.7565, 53.9964, 54.2598



49.7137, 53.9964, 97.8051

Rectangle

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



63.5717, 53.9964, 63.5717



60.3716, 53.9964, 39.4310



40.7565, 53.9964, 54.2598



43.2251, 53.9964, 83.6377

Sweetspot

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



63.5732, 53.9989, 63.5728



86.0512, 85.3776, 95.4950



59.7664, 51.3777, 93.1535



18.1273, 17.8038, 19.9978



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.



63.5732, 53.9989, 63.5728



65.5153, 52.7154, 62.7240



61.6025, 55.0800, 47.4322



16.7797, 16.5947, 18.5864



21.5916, 10.9801, 7.8236



1.9473, 0.9849, 0.9491

Inverse Universe

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



63.5732, 53.9989, 63.5728



65.5153, 52.7154, 62.7240



64.8296, 77.3744, 97.9045



16.7797, 16.5947, 18.5864



21.5916, 10.9801, 7.8236



1.9473, 0.9849, 0.9491

Previews

White Background



This preview shows how the XYZ color 63.5717, 53.9964, 63.5717 looks on a white background.

Color Contrast Check

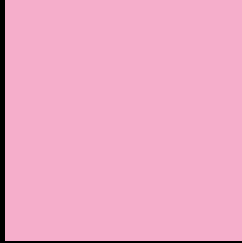
Large Text (above 18pt) WCAG AA × Fail

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 63.5717, 53.9964, 63.5717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

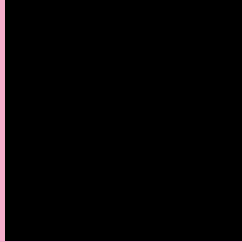
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.5717, 53.9964, 63.5717

Background



This preview shows how black text looks on a background with the XYZ color 63.5717, 53.9964, 63.5717.



This preview shows how white text looks on a background with the XYZ color 63.5717, 53.9964,

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

63.5717, 53.9964, 63.5717

Protanopia

53.0739, 54.2527, 71.9645

Deuteranopia

55.4869, 54.4142, 62.2221



Tritanopia

61.7817, 53.8231, 55.8478

Trichromacy



Original Color

63.5717, 53.9964, 63.5717



Protanomaly

56.1807, 53.6698, 69.0263



Deuteranomaly

58.1145, 54.1860, 62.6543



Tritanomaly

62.4885, 53.8332, 58.7271

Monochromacy



Original Color

63.5717, 53.9964, 63.5717



Achromatopsia

54.2854, 57.1125, 62.1955



Achromatomaly

57.1577, 55.5960, 62.3621

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.5717, 53.9964, 63.5717 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(245, 174, 203)` looks like.

```
.text, #text, p{  
    color:rgb(245, 174, 203)  
}
```

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(245, 174, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 174, 203) }
```

Border

The CSS property to change the border of an element to XYZ 63.5717, 53.9964, 63.5717 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(245, 174, 203) }
```


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

```
.border{ border-color:rgb(245, 174, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 174, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 174, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 174, 203);  
box-shadow:4px 4px 4px 4px rgb(245, 174,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 63.5717, 53.9964, 63.5717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 174, 203) }
```

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

```
.background{ background-color: rgb(245,  
174, 203) }
```

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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