

Converting Colors

XYZ(63.7537, 53.0832, 65.2564)

Have a look what the booklet for
XYZ(63.7537, 53.0832, 65.2564)
contains.

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Color

**XYZ(63.7095, 53.1749,
65.2984)**

Conversions

Conversions Part 1

Format	Color
Hex	F6ABCE
RGB	246, 171, 206
RGB Percent	96%, 67%, 81%
CMY	0.0353, 0.3294, 0.1922
CMYK	0.00, 0.30, 0.16, 0.04
HSL	332°, 81%, 82%
HSV	332°, 30%, 96%
XYZ	63.7095, 53.1749, 65.2984
YIQ	197.4150, 33.4650, 26.7850

Conversions

Conversions Part 2

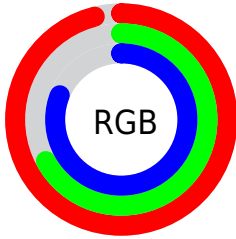
Format	Color
R _Y B	246, 171, 206
Decimal	16165838
CIE Lab	77.98, 32.50, -6.63
CIE LCh	78, 33.172, 348.474
Yxy	53.1749, 0.3497, 0.2919
Android (android.graphics.Color)	4294355918 (0xFFF6ABCE)
YUV	197.4150, 4.2324, 42.6090
Hunter-Lab	72.9211, 28.3394, -2.0474

Details

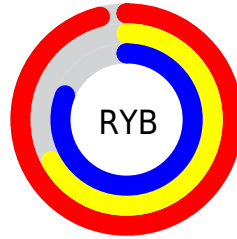
The XYZ color **63.7095, 53.1749, 65.2984** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **61.5105, 79.2740, 73.6912**, and the grayscale version is **53.2841, 56.0590, 61.0483**.

A 20% lighter version of the original color is **86.7591, 83.4182, 106.1364**, and **33.1322, 26.0427, 32.9862** is the 20% darker color. If you saturate the color by 10%, you get **57.9601, 44.1210, 55.8434**, and if you desaturate by 10%, it is **70.4597, 64.0162, 75.7447**.

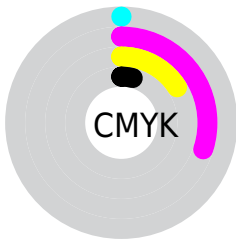
Distribution



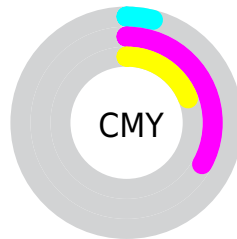
- Red (96%)
- Green (67%)
- Blue (81%)



- Red (96%)
- Yellow (67%)
- Blue (81%)



- Cyan (0%)
- Magenta (30%)
- Yellow (16%)
- Black (4%)





- Cyan (4%)
- Magenta (33%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.7095, 53.1749, 65.2984 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 63.7095, 53.1749, 65.2984 by changing the saturation by 10% instead.


 63.7095, 53.1749,
65.2984

 63.7095, 53.1749,
65.2984


427.7587,
398.9558, 462.1990

 46.6762, 37.9424,
47.2502


 109.2685, 94.8617,
114.0961

 32.9866, 25.9380,
32.8777


138.5250,
122.0848, 145.6828

 22.2754, 16.7773,
21.7624


172.5866,
154.0735, 182.6193

 14.1771, 10.0758,
13.4858

211.8187,
191.2123, 225.3242

 8.3265, 5.4493,
7.6293

256.5866,
233.8855, 274.2161

 4.3581, 2.5132,
3.7743

307.2556,

 1.9067, 0.8832,

282.4776, 329.7135

1.5024

364.1912,
337.3729, 392.2350

■ 0.5807, 0.0000,
0.2197

■ 0.0000, 0.0000,
0.0000

■ 63.7095, 53.1749,
65.2984

■ 63.7095, 53.1749,
65.2984

■ 57.9601, 44.1210,
55.8434

■ 70.4597, 64.0162,
75.7447

■ 53.1557, 36.7499,
47.3434

■ 78.2536, 76.7277,
87.2104

■ 49.2417, 30.9571,
39.7642

■ 87.1371, 91.3954,
99.7260

■ 46.1556, 26.6235,
33.0678

■ 91.8163, 98.3330,
108.7487

■ 43.8264, 23.6125,
27.2123

■ 42.1696, 21.7615,
22.1509

■ 41.0888, 20.8260,
18.0112

Harmonies

Analogous

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



60.4183, 53.1749, 84.8176



63.7095, 53.1749, 65.2984



63.2561, 53.1749, 47.3457

Triad

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



63.7095, 53.1749, 65.2984



46.7079, 53.1749, 30.2962



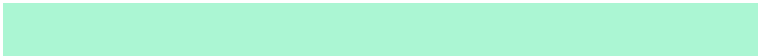
42.7483, 53.1749, 88.8092

Complementary

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



63.7095, 53.1749, 65.2984



61.5105, 79.2740, 73.6912

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.



39.6556, 53.1749, 69.9131



63.7095, 53.1749, 65.2984



41.8038, 53.1749, 37.3786

Square

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



63.7095, 53.1749, 65.2984



53.0629, 53.1749, 29.5777



39.3252, 53.1749, 51.0798



48.1005, 53.1749, 100.1978

Rectangle

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



63.7095, 53.1749, 65.2984



60.8984, 53.1749, 38.4729



39.3252, 53.1749, 51.0798



41.4303, 53.1749, 82.9598

Sweetspot

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



63.7110, 53.1773, 65.2995



86.2520, 85.4579, 96.5526



58.0636, 49.6313, 93.7088



18.1767, 17.8236, 20.2578



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.



63.7110, 53.1773, 65.2995



64.9043, 51.0198, 63.9803



60.3983, 52.6150, 45.5035



16.8209, 16.6112, 18.8036



22.0009, 11.1438, 9.9791



1.9851, 1.0000, 1.1478

Inverse Universe

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



63.7110, 53.1773, 65.2995



64.9043, 51.0198, 63.9803



65.6313, 79.7139, 99.1165



16.8209, 16.6112, 18.8036



22.0009, 11.1438, 9.9791



1.9851, 1.0000, 1.1478

Previews

White Background



This preview shows how the XYZ color 63.7095, 53.1749, 65.2984 looks on a white background.

Color Contrast Check

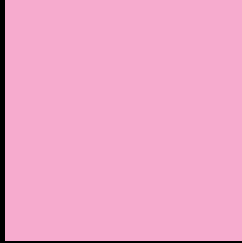
Large Text (above 18pt) WCAG AA × Fail

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 63.7095, 53.1749, 65.2984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

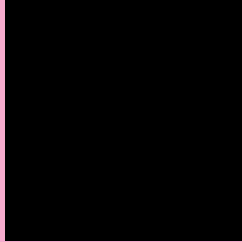
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.7095, 53.1749, 65.2984

Background



This preview shows how black text looks on a background with the XYZ color 63.7095, 53.1749, 65.2984.



This preview shows how white text looks on a background with the XYZ color 63.7095, 53.1749,

65.2984.

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

63.7095, 53.1749, 65.2984

Protanopia

52.6221, 53.6326, 74.5965

Deuteranopia

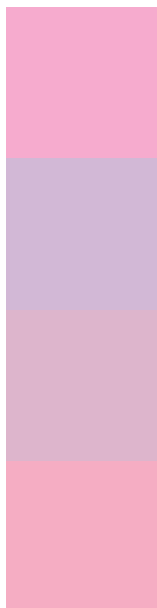
54.2819, 53.1178, 63.8917



Tritanopia

61.5214, 53.1360, 54.5907

Trichromacy



Original Color

63.7095, 53.1749, 65.2984

Protanomaly

55.8564, 52.8377, 70.8731

Deuteranomaly

57.2418, 52.7795, 64.2972

Tritanomaly

62.4501, 53.2397, 58.6146

Monochromacy



Original Color

63.7095, 53.1749, 65.2984

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

56.4329, 54.5836, 62.2049

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.7095, 53.1749, 65.2984 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(246, 171, 206)` looks like.

```
.text, #text, p{  
    color:rgb(246, 171, 206)  
}
```

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(246, 171, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 171, 206) }
```

Border

The CSS property to change the border of an element to XYZ 63.7095, 53.1749, 65.2984 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(246, 171, 206) }
```


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

```
.border{ border-color:rgb(246, 171, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 171, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 171, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 171, 206);  
box-shadow:4px 4px 4px 4px rgb(246, 171,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 63.7095, 53.1749, 65.2984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 171, 206) }
```

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

```
.background{ background-color: rgb(246,  
171, 206) }
```

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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