

Converting Colors

XYZ(67.3275, 57.0831, 64.5963)

Have a look what the booklet for
XYZ(67.3275, 57.0831, 64.5963)
contains.

XYZ(67.3275, 57.0831, 64.5963)	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(67.3275, 57.0831,
64.5963)**

Conversions

Conversions Part 1

Format	Color
Hex	FDB2CC
RGB	253, 178, 204
RGB Percent	99%, 70%, 80%
CMY	0.0078, 0.3019, 0.2000
CMYK	0.00, 0.30, 0.19, 0.01
HSL	339°, 95%, 85%
HSV	339°, 30%, 99%
XYZ	67.3275, 57.0831, 64.5963
YIQ	203.3890, 36.3540, 23.9860

Conversions

Conversions Part 2

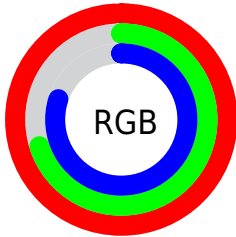
Format	Color
R _Y B	253, 178, 204
Decimal	16626380
CIE Lab	80.23, 30.94, -2.15
CIE LCh	80, 31.018, 356.034
Yxy	57.0831, 0.3562, 0.3020
Android (android.graphics.Color)	4294816460 (0xFFFD B2CC)
YUV	203.3890, 0.3012, 43.5088
Hunter-Lab	75.5534, 26.8475, 2.1958

Details

The XYZ color **67.3275, 57.0831, 64.5963** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **67.3530, 85.2631, 85.5848**, and the grayscale version is **56.9928, 59.9609, 65.2974**.

A 20% lighter version of the original color is **88.7128, 87.3256, 106.7876**, and **35.3443, 28.4713, 32.4868** is the 20% darker color. If you saturate the color by 10%, you get **60.8716, 47.1772, 53.1762**, and if you desaturate by 10%, it is **74.9254, 68.9350, 77.4366**.

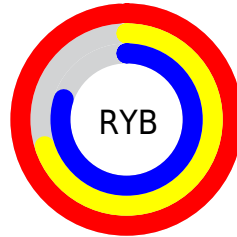
Distribution



Red (99%)

Green (70%)

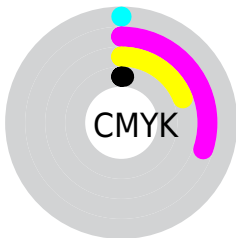
Blue (80%)



Red (99%)

Yellow (70%)

Blue (80%)

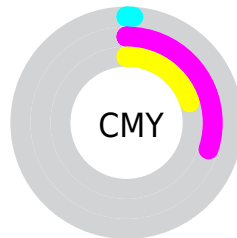


Cyan (0%)

Magenta (30%)

Yellow (19%)

Black (1%)



Cyan (1%)


Magenta (30%)

Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.3275, 57.0831, 64.5963 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 67.3275, 57.0831, 64.5963 by changing the saturation by 10% instead.


 67.3275, 57.0831,
64.5963

 67.3275, 57.0831,
64.5963


440.5238,
413.7606, 459.6063

 49.6225, 41.0720,
46.6845


 114.4368,
100.5864, 113.0770

 35.3301, 28.3753,
32.4338


144.5717,
128.8474, 144.4830

 24.0850, 18.6088,
21.4255


179.5808,
161.9605, 181.2241

 15.5217, 11.3879,
13.2411

219.8292,
200.3100, 223.7190

 9.2751, 6.3284,
7.4621

265.6823,
244.2804, 272.3861

 4.9796, 3.0458,
3.6699


317.5056,

 2.2699, 1.1557,

294.2560, 327.6440


1.4461


375.6643,
350.6213, 389.9112


 0.7792, 0.0251,
0.1773

 0.0000, 0.0000,
0.0000

 67.3275, 57.0831,
64.5963


 67.3275, 57.0831,
64.5963


 60.8716, 47.1772,
53.1762


 74.9254, 68.9350,
77.4366


 55.4952, 39.1046,
43.1212

 83.7139, 82.8219,
91.7423

 51.1370, 32.7531,
34.3779

 93.7446, 98.8367,
107.5607

 47.7273, 27.9949,
26.8870

 94.3183, 99.6228,
108.8658

■ 45.1869, 24.6839,
20.5844

■ 43.4227, 22.6469,
15.3984

■ 42.2915, 21.6118,
11.2377

■ 42.2571, 21.5823,
11.1053

Harmonies

Analogous

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



64.9903, 57.0831, 83.7359



67.3275, 57.0831, 64.5963



65.9445, 57.0831, 48.0744

Triad

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



67.3275, 57.0831, 64.5963



49.0867, 57.0831, 35.7975



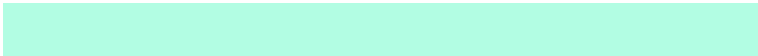
47.7352, 57.0831, 95.7811

Complementary

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



67.3275, 57.0831, 64.5963



67.3530, 85.2631, 85.5848

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.



44.0369, 57.0831, 78.7442



67.3275, 57.0831, 64.5963



44.7736, 57.0831, 44.6406

Square

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



67.3275, 57.0831, 64.5963



55.1021, 57.0831, 33.4596



42.9959, 57.0831, 59.7736



53.4182, 57.0831, 103.8208

Rectangle

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



67.3275, 57.0831, 64.5963



63.1526, 57.0831, 40.2876



42.9959, 57.0831, 59.7736



46.2364, 57.0831, 90.7727

Sweetspot

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



67.3291, 57.0857, 64.5975



85.8396, 85.2929, 94.3809



65.2519, 55.2259, 100.1496



18.0754, 17.7831, 19.7243



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.



67.3291, 57.0857, 64.5975



64.2253, 51.4665, 58.1906



66.7974, 60.6026, 50.2996



18.2693, 18.0910, 20.0352



22.5408, 11.5056, 6.2323



2.2439, 1.1399, 0.8657

Inverse Universe

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



67.3291, 57.0857, 64.5975



64.2253, 51.4665, 58.1906



67.7695, 79.9140, 104.7822



18.2693, 18.0910, 20.0352



22.5408, 11.5056, 6.2323



2.2439, 1.1399, 0.8657

Previews

White Background



This preview shows how the XYZ color 67.3275, 57.0831, 64.5963 looks on a white background.

Color Contrast Check

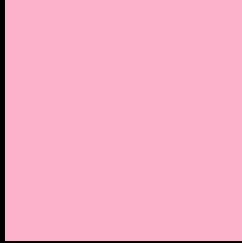
Large Text (above 18pt) WCAG AA × Fail

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 67.3275, 57.0831, 64.5963 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 67.3275, 57.0831, 64.5963

Background



This preview shows how black text looks on a background with the XYZ color 67.3275, 57.0831, 64.5963.



This preview shows how white text looks on a background with the XYZ color 67.3275, 57.0831,

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

67.3275, 57.0831, 64.5963

Protanopia

55.8775, 57.3518, 73.0907

Deuteranopia

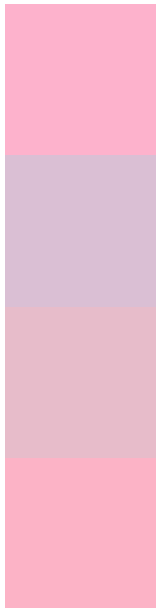
58.5260, 57.2624, 63.2264



Tritanopia

66.2037, 57.2330, 58.5967

Trichromacy



Original Color

67.3275, 57.0831, 64.5963

Protanomaly

59.4279, 56.9205, 70.1419

Deuteranomaly

61.5989, 57.2196, 63.6750

Tritanomaly

66.4580, 57.0129, 60.9279

Monochromacy



Original Color

67.3275, 57.0831, 64.5963

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

59.8901, 58.2675, 64.5901

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.3275, 57.0831, 64.5963 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(253, 178, 204)` looks like.

```
.text, #text, p{  
    color:rgb(253, 178, 204)  
}
```

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(253, 178, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 178, 204) }
```

Border

The CSS property to change the border of an element to XYZ 67.3275, 57.0831, 64.5963 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(253, 178, 204) }
```


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

```
.border{ border-color:rgb(253, 178, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 178, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 178, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 178, 204);  
box-shadow:4px 4px 4px 4px rgb(253, 178,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 67.3275, 57.0831, 64.5963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 178, 204) }
```

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

```
.background{ background-color: rgb(253,  
178, 204) }
```

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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