

Converting Colors

XYZ(68.7492, 58.0871, 67.1808)

Have a look what the booklet for
XYZ(68.7492, 58.0871, 67.1808)
contains.

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Color

**XYZ(68.7453, 58.0543,
67.2568)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB3D0
RGB	255, 179, 208
RGB Percent	100%, 70%, 82%
CMY	0.0000, 0.2980, 0.1843
CMYK	0.00, 0.30, 0.18, 0.00
HSL	337°, 100%, 85%
HSV	337°, 30%, 100%
XYZ	68.7453, 58.0543, 67.2568
YIQ	205.0300, 35.9870, 25.1310

Conversions

Conversions Part 2

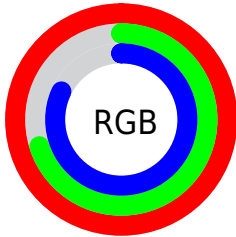
Format	Color
R _Y B	255, 179, 208
Decimal	16757712
CIE Lab	80.77, 31.71, -3.49
CIE LCh	81, 31.903, 353.727
Yxy	58.0543, 0.3543, 0.2992
Android (android.graphics.Color)	4294947792 (0xFFFFB3D0)
YUV	205.0300, 1.4642, 43.8237
Hunter-Lab	76.1934, 27.7128, 0.9994

Details

The XYZ color **68.7453, 58.0543, 67.2568** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **68.0800, 86.5957, 85.0817**, and the grayscale version is **58.0237, 61.0454, 66.4785**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **36.1923, 28.8706, 34.2369** is the 20% darker color. If you saturate the color by 10%, you get **62.2543, 48.0245, 55.9917**, and if you desaturate by 10%, it is **76.3770, 70.0562, 79.8555**.

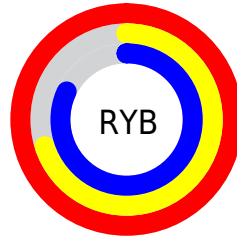
Distribution



Red (100%)

Green (70%)

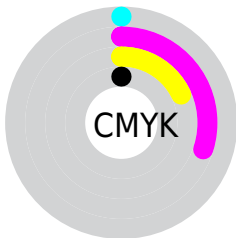
Blue (82%)



Red (100%)

Yellow (70%)

Blue (82%)

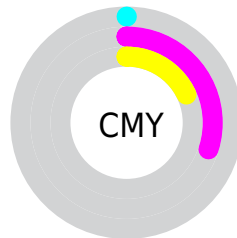


Cyan (0%)

Magenta (30%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (30%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.7453, 58.0543, 67.2568 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 68.7453, 58.0543, 67.2568 by changing the saturation by 10% instead.


 68.7453, 58.0543,
67.2568

 68.7453, 58.0543,
67.2568


445.4676,
417.3882, 469.3847

 50.7802, 41.8523,
48.8304


 116.4538,
102.0019, 116.9324

 36.2540, 28.9857,
34.1203


146.9279,
130.5164, 149.0188

 24.8015, 19.0700,
22.7080


182.3023,
163.9037, 186.4956

 16.0572, 11.7208,
14.1747

222.9425,
202.5484, 229.7813

 9.6557, 6.5539,
8.1022

269.2138,
246.8348, 279.2946

 5.2318, 3.1847,
4.0717


321.4815,

 2.4200, 1.2289,


297.1473, 335.4538


1.6648


380.1109,
353.8703, 398.6777


 0.8551, 0.0851,
0.3364


 0.0000, 0.0000,
0.0000


 68.7453, 58.0543,
67.2568


 68.7453, 58.0543,
67.2568

 62.2543, 48.0245,
55.9917


 76.3770, 70.0562,
79.8555

 56.8420, 39.8528,
46.0097

 85.1988, 84.1212,
93.8287

 52.4469, 33.4248,
37.2620

95.0500, 100.0000,
108.9000

 48.9989, 28.6105,
29.6950

■ 46.4184, 25.2610,
23.2498

■ 44.6115, 23.1998,
17.8611

■ 43.4316, 22.1454,
13.4435

■ 43.4114, 22.1286,
13.3643

Harmonies

Analogous

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



66.0287, 58.0543, 87.1828



68.7453, 58.0543, 67.2568



67.6004, 58.0543, 49.7147

Triad

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



68.7453, 58.0543, 67.2568



50.2395, 58.0543, 35.4875



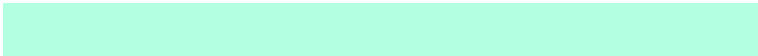
48.0219, 58.0543, 97.1829

Complementary

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



68.7453, 58.0543, 67.2568



68.0800, 86.5957, 85.0817

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.



44.3806, 58.0543, 78.9530



68.7453, 58.0543, 67.2568



45.5879, 58.0543, 44.0936

Square

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



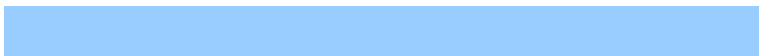
68.7453, 58.0543, 67.2568



56.5739, 58.0543, 33.5845



43.5261, 58.0543, 59.3313



53.8069, 58.0543, 106.5395

Rectangle

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



68.7453, 58.0543, 67.2568



64.8434, 58.0543, 41.3140



43.5261, 58.0543, 59.3313



46.5258, 58.0543, 91.7340

Sweetspot

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



68.7467, 58.0568, 67.2580



85.9590, 85.3407, 95.0094



65.4943, 55.6103, 101.8897



18.1047, 17.7948, 19.8786



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.



68.7467, 58.0568, 67.2580



64.5918, 51.6131, 60.1206



67.3332, 60.4268, 50.7658



18.2961, 18.1018, 20.1766



22.7504, 11.5894, 7.3360



2.2664, 1.1489, 0.9842

Inverse Universe

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



68.7467, 58.0568, 67.2580



64.5918, 51.6131, 60.1206



69.6384, 82.7976, 106.9189



18.2961, 18.1018, 20.1766



22.7504, 11.5894, 7.3360



2.2664, 1.1489, 0.9842

Previews

White Background



This preview shows how the XYZ color 68.7453, 58.0543, 67.2568 looks on a white background.

Color Contrast Check

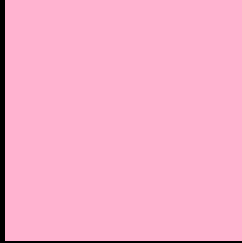
Large Text (above 18pt) WCAG AA × Fail

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 68.7453, 58.0543, 67.2568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

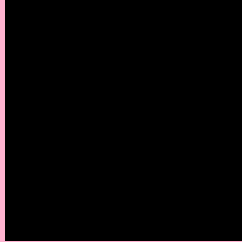
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.7453, 58.0543, 67.2568

Background



This preview shows how black text looks on a background with the XYZ color 68.7453, 58.0543, 67.2568.



This preview shows how white text looks on a background with the XYZ color 68.7453, 58.0543,

67.2568.

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

68.7453, 58.0543, 67.2568

Protanopia

57.1257, 58.6180, 76.0137

Deuteranopia

59.4480, 58.3434, 65.8858



Tritanopia

67.2473, 58.0587, 59.2919

Trichromacy



Original Color

68.7453, 58.0543, 67.2568



Protanomaly

60.4577, 57.7172, 72.9198



Deuteranomaly

62.2932, 57.8403, 66.2736



Tritanomaly

67.6196, 57.8835, 62.2523

Monochromacy



Original Color

68.7453, 58.0543, 67.2568



Achromatopsia

58.0276, 61.0496, 66.4830



Achromatomaly

61.3119, 59.6241, 66.6696

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.7453, 58.0543, 67.2568 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(255, 179, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 208)  
}
```

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(255, 179, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 208) }
```

Border

The CSS property to change the border of an element to XYZ 68.7453, 58.0543, 67.2568 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(255, 179, 208) }
```


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

```
.border{ border-color:rgb(255, 179, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 179, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 208);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 68.7453, 58.0543, 67.2568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 208) }
```

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

```
.background{ background-color: rgb(255,  
179, 208) }
```

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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