

Converting Colors

XYZ(68.3153, 58.6990, 62.4752)

Have a look what the booklet for
XYZ(68.3153, 58.6990, 62.4752)
contains.

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Color

**XYZ(68.3933, 58.8860,
62.4050)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB6C8
RGB	255, 182, 200
RGB Percent	100%, 71%, 78%
CMY	0.0000, 0.2863, 0.2157
CMYK	0.00, 0.29, 0.22, 0.00
HSL	345°, 100%, 86%
HSV	345°, 29%, 100%
XYZ	68.3933, 58.8860, 62.4050
YIQ	205.8790, 37.7300, 21.0740

Conversions

Conversions Part 2

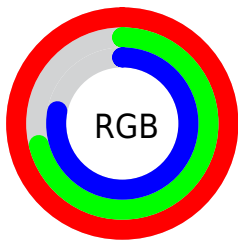
Format	Color
R _Y B	255, 182, 200
Decimal	16758472
CIE Lab	81.23, 28.96, 1.51
CIE LCh	81, 29.001, 2.975
Yxy	58.8860, 0.3606, 0.3104
Android (android.graphics.Color)	4294948552 (0xFFFFB6C8)
YUV	205.8790, -2.8983, 43.0791
Hunter-Lab	76.7372, 24.8009, 5.4996

Details

The XYZ color **68.3933, 58.8860, 62.4050** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.3396, 87.5805, 93.3220**, and the grayscale version is **58.5911, 61.6424, 67.1286**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **35.9334, 29.3840, 30.9719** is the 20% darker color. If you saturate the color by 10%, you get **61.5323, 48.5346, 49.7270**, and if you desaturate by 10%, it is **76.4901, 71.2571, 76.8887**.

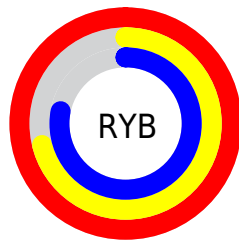
Distribution



Red (100%)

Green (71%)

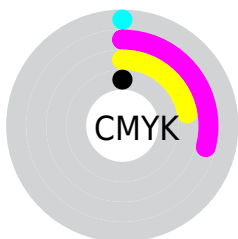
Blue (78%)



Red (100%)

Yellow (71%)

Blue (78%)

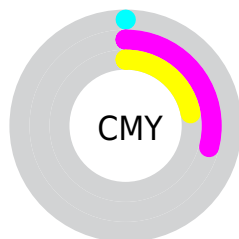


Cyan (0%)

Magenta (29%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.3933, 58.8860, 62.4050 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 68.3933, 58.8860, 62.4050 by changing the saturation by 10% instead.


 68.3933, 58.8860,
62.4050

 68.3933, 58.8860,
62.4050

444.2431,
420.4793, 451.4552

 50.4926, 42.5214,
44.9221


 115.9534,
103.2120, 109.8879

 36.0244, 29.5097,
31.0536


146.3436,
131.9421, 140.7251

 24.6232, 19.4668,
20.3809


181.6276,
165.5628, 176.8507

 15.9238, 12.0080,
12.4854

222.1708,
204.4585, 218.6834

 9.5607, 6.7492,
6.9486

268.3387,
249.0136, 266.6416

 5.1687, 3.3057,
3.3520


320.4964,

 2.3824, 1.2933,


299.6125, 321.1440


1.2771


379.0095,
356.6396, 382.6090


 0.8363, 0.1360,
0.0429


 0.0000, 0.0000,
0.0000

 68.3933, 58.8860,
62.4050


 68.3933, 58.8860,
62.4050

 61.5323, 48.5346,
49.7270


 76.4901, 71.2571,
76.8887

 55.8409, 40.0878,
38.7789

 85.8763, 85.7396,
93.2424

 51.2529, 33.4304,
29.4848

95.0500, 100.0000,
108.9000

 47.6935, 28.4320,
21.7614

■ 45.0782, 24.9438,
15.5178

■ 43.3081, 22.7905,
10.6526

■ 42.2469, 21.7237,
7.0447

■ 42.1334, 21.6174,
6.6347

Harmonies

Analogous

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



66.9711, 58.8860, 80.4565



68.3933, 58.8860, 62.4050



66.2936, 58.8860, 47.6570

Triad

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



68.3933, 58.8860, 62.4050



49.8805, 58.8860, 40.0564



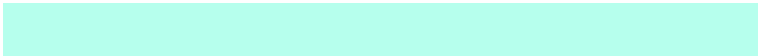
50.8542, 58.8860, 98.5630

Complementary

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



68.3933, 58.8860, 62.4050



70.3396, 87.5805, 93.3220

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.



46.7769, 58.8860, 83.9875



68.3933, 58.8860, 62.4050



46.2438, 58.8860, 50.1542

Square

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



68.3933, 58.8860, 62.4050



55.3684, 58.8860, 36.2958



45.1492, 58.8860, 65.8597



56.5747, 58.8860, 103.4206

Rectangle

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



68.3933, 58.8860, 62.4050



63.2616, 58.8860, 41.0501



45.1492, 58.8860, 65.8597



49.2603, 58.8860, 94.5225

Sweetspot

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



68.3947, 58.8886, 62.4062



85.5004, 85.1573, 92.5947



69.6214, 58.6402, 102.2570



17.9922, 17.7498, 19.2866



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.



68.3947, 58.8886, 62.4062



64.5568, 53.0796, 55.3715



70.3974, 66.0642, 53.3006



18.1930, 18.0605, 19.6335



22.0649, 11.3152, 3.7262



2.1895, 1.1182, 0.5796

Inverse Universe

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



68.3947, 58.8886, 62.4062



64.5568, 53.0796, 55.3715



67.5552, 77.5904, 106.0237



18.1930, 18.0605, 19.6335



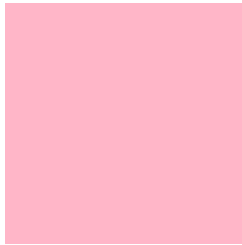
22.0649, 11.3152, 3.7262



2.1895, 1.1182, 0.5796

Previews

White Background



This preview shows how the XYZ color 68.3933, 58.8860, 62.4050 looks on a white background.

Color Contrast Check

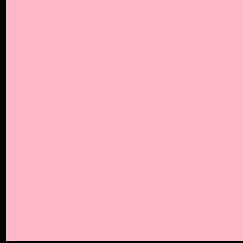
Large Text (above 18pt) WCAG AA × Fail

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 68.3933, 58.8860, 62.4050 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 68.3933, 58.8860, 62.4050

Background



This preview shows how black text looks on a background with the XYZ color 68.3933, 58.8860, 62.4050.



This preview shows how white text looks on a background with the XYZ color 68.3933, 58.8860,

62.4050.

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

68.3933, 58.8860, 62.4050

Protanopia

57.2731, 59.1729, 70.0309

Deuteranopia

60.3644, 59.2450, 61.6800



Tritanopia

68.2515, 59.1582, 60.6447

Trichromacy



Original Color

68.3933, 58.8860, 62.4050

Protanomaly

60.6785, 58.6182, 67.1478

Deuteranomaly

63.2006, 59.0473, 62.0991

Tritanomaly

68.3665, 59.2042, 61.2503

Monochromacy



Original Color

68.3933, 58.8860, 62.4050

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

61.6058, 60.1394, 65.4878

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.3933, 58.8860, 62.4050 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, 182, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 200)  
}
```

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, 182, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 200) }
```

Border

The CSS property to change the border of an element to XYZ 68.3933, 58.8860, 62.4050 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, 182, 200) }
```


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

```
.border{ border-color:rgb(255, 182, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 182, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 68.3933, 58.8860, 62.4050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 182, 200) }
```

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

```
.background{ background-color: rgb(255,  
182, 200) }
```

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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