

Converting Colors

XYZ(60.8627, 52.1162, 52.1023)

Have a look what the booklet for
XYZ(60.8627, 52.1162, 52.1023)
contains.

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Color

**XYZ(60.8708, 51.9990,
52.1760)**

Conversions

Conversions Part 1

Format	Color
Hex	F5ABB8
RGB	245, 171, 184
RGB Percent	96%, 67%, 72%
CMY	0.0392, 0.3294, 0.2784
CMYK	0.00, 0.30, 0.25, 0.04
HSL	349°, 79%, 82%
HSV	349°, 30%, 96%
XYZ	60.8708, 51.9990, 52.1760
YIQ	194.6080, 39.9310, 19.7310

Conversions

Conversions Part 2

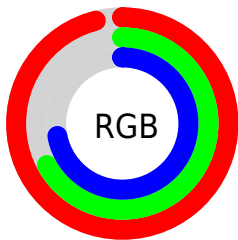
Format	Color
R _Y B	245, 171, 184
Decimal	16100280
CIE _{Lab}	77.28, 28.91, 4.32
CIE _{LCh}	77, 29.234, 8.500
Yxy	51.9990, 0.3688, 0.3151
Android (android.graphics.Color)	4294290360 (0xFFF5ABB8)
YUV	194.6080, -5.2297, 44.1938
Hunter-Lab	72.1103, 24.4849, 7.5775

Details

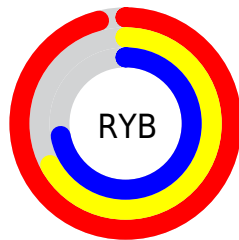
The XYZ color **60.8708, 51.9990, 52.1760** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **64.0147, 79.7901, 88.3749**, and the grayscale version is **51.6533, 54.3433, 59.1799**.

A 20% lighter version of the original color is **84.4373, 82.4894, 93.9098**, and **31.0687, 25.1604, 24.6917** is the 20% darker color. If you saturate the color by 10%, you get **54.6965, 42.8000, 40.4076**, and if you desaturate by 10%, it is **68.2079, 63.0392, 65.8245**.

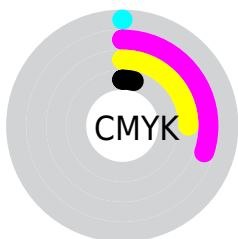
Distribution



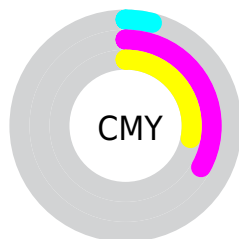
- Red (96%)
- Green (67%)
- Blue (72%)



- Red (96%)
- Yellow (67%)
- Blue (72%)



- Cyan (0%)
- Magenta (30%)
- Yellow (25%)
- Black (4%)





- Cyan (4%)
- Magenta (33%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.8708, 51.9990, 52.1760 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 60.8708, 51.9990, 52.1760 by changing the saturation by 10% instead.


 60.8708, 51.9990,
52.1760

 60.8708, 51.9990,
52.1760


417.5836,
394.4327, 412.0920

 44.3730, 37.0043,
36.7622


 105.1910, 93.1298,
94.8200

 31.1631, 25.2108,
24.7291


133.7442,
120.0346, 122.8872

 20.8755, 16.2342,
15.6581


167.0466,
151.6783, 156.0093

 13.1450, 9.6900,
9.1308

205.4635,
188.4451, 194.6048

 7.6061, 5.1939,
4.7286

249.3603,
230.7196, 239.0923

 3.8936, 2.3615,
2.0330


299.1023,

 1.6421, 0.8060,


278.8861, 289.8903


0.5755


355.0550,
333.3290, 347.4173


 0.4196, 0.0000,
0.0000


 0.0000, 0.0000,
0.0000


 60.8708, 51.9990,
52.1760


 60.8708, 51.9990,
52.1760


 54.6965, 42.8000,
40.4076


 68.2079, 63.0392,
65.8245


 49.6206, 35.3347,
30.4332

 76.7594, 76.0055,
81.4276

 45.5787, 29.4961,
22.1646

 86.5789, 90.9868,
99.0598

 42.4981, 25.1620,
15.5047

 91.4663, 98.1525,
108.7323

■ 40.2960, 22.1928,
10.3464

■ 38.8752, 20.4229,
6.5690

■ 38.0928, 19.5871,
4.0611

Harmonies

Analogous

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



60.1478, 51.9990, 68.7044



60.8708, 51.9990, 52.1760



58.3497, 51.9990, 39.4908

Triad

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



60.8708, 51.9990, 52.1760



43.0116, 51.9990, 35.7295



45.5767, 51.9990, 90.4769

Complementary

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



60.8708, 51.9990, 52.1760



64.0147, 79.7901, 88.3749

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.



41.4575, 51.9990, 78.0950



60.8708, 51.9990, 52.1760



40.0563, 51.9990, 46.0395

Square

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



60.8708, 51.9990, 52.1760



47.8471, 51.9990, 31.2429



39.5096, 51.9990, 61.3054



51.0341, 51.9990, 92.9724

Rectangle

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



60.8708, 51.9990, 52.1760



55.2731, 51.9990, 34.1622



39.5096, 51.9990, 61.3054



44.0019, 51.9990, 87.2341

Sweetspot

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



60.8722, 52.0014, 52.1770



85.2627, 85.0622, 91.3431



64.1410, 52.7821, 93.1938



17.9341, 17.7266, 18.9805



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.



60.8722, 52.0014, 52.1770



62.5420, 50.7932, 49.3266



64.3969, 61.1317, 46.9367



16.6179, 16.5300, 17.7345



20.5564, 10.5660, 2.3723



1.8394, 0.9417, 0.3806

Inverse Universe

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



60.8722, 52.0014, 52.1770



62.5420, 50.7932, 49.3266



59.2843, 67.2650, 96.2453



16.6179, 16.5300, 17.7345



20.5564, 10.5660, 2.3723



1.8394, 0.9417, 0.3806

Previews

White Background



This preview shows how the XYZ color 60.8708, 51.9990, 52.1760 looks on a white background.

Color Contrast Check

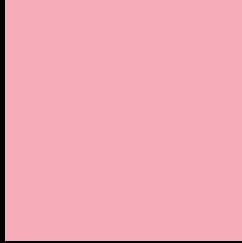
Large Text (above 18pt) WCAG AA × Fail

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 60.8708, 51.9990, 52.1760 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 60.8708, 51.9990, 52.1760

Background



This preview shows how black text looks on a background with the XYZ color 60.8708, 51.9990, 52.1760.



This preview shows how white text looks on a background with the XYZ color 60.8708, 51.9990,

52.1760.

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

60.8708, 51.9990, 52.1760

Protanopia

50.5119, 52.2364, 59.0501

Deuteranopia

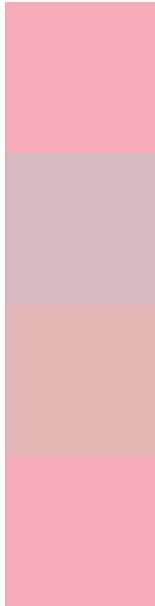
53.1300, 52.1803, 50.9876



Tritanopia

60.8708, 51.9990, 52.1760

Trichromacy



Original Color

60.8708, 51.9990, 52.1760

Protanomaly

53.7780, 51.7747, 56.4493

Deuteranomaly

55.8161, 52.0275, 51.3564

Tritanomaly

60.8708, 51.9990, 52.1760

Monochromacy



Original Color

60.8708, 51.9990, 52.1760

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

54.4034, 53.0255, 56.6578

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8708, 51.9990, 52.1760 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, 171, 184)` looks like.

```
.text, #text, p{  
    color:rgb(245, 171, 184)  
}
```

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, 171, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 171, 184) }
```

Border

The CSS property to change the border of an element to XYZ 60.8708, 51.9990, 52.1760 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, 171, 184) }
```


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

```
.border{ border-color:rgb(245, 171, 184) }
```

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

Here you see how a box with a 4 pixel rgb(245, 171, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 171, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 171, 184);  
box-shadow:4px 4px 4px 4px rgb(245, 171,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8708, 51.9990, 52.1760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 171, 184) }
```

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

```
.background{ background-color: rgb(245,  
171, 184) }
```

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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