

Converting Colors

XYZ(60.5370, 50.6965, 62.8861)

Have a look what the booklet for
XYZ(60.5370, 50.6965, 62.8861)
contains.

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Color

**XYZ(60.7173, 50.8423,
63.1133)**

Conversions

Conversions Part 1

Format	Color
Hex	F0A8CB
RGB	240, 168, 203
RGB Percent	94%, 66%, 80%
CMY	0.0588, 0.3412, 0.2039
CMYK	0.00, 0.30, 0.15, 0.06
HSL	331°, 71%, 80%
HSV	331°, 30%, 94%
XYZ	60.7173, 50.8423, 63.1133
YIQ	193.5180, 31.6770, 26.1490

Conversions

Conversions Part 2

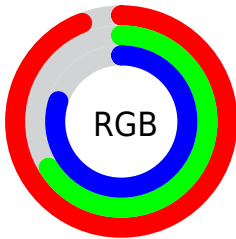
Format	Color
R_{YB}	240, 168, 203
Decimal	15771851
CIE _{Lab}	76.58, 31.55, -7.13
CIE _{LCh}	77, 32.350, 347.267
Yxy	50.8423, 0.3476, 0.2911
Android (android.graphics.Color)	4293961931 (0xFFFF0A8CB)
YUV	193.5180, 4.6746, 40.7647
Hunter-Lab	71.3038, 27.2164, -2.5669

Details

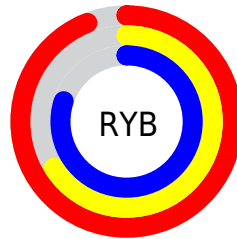
The XYZ color **60.7173, 50.8423, 63.1133** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **58.3301, 75.0542, 69.1737**, and the grayscale version is **50.9550, 53.6086, 58.3797**.

A 20% lighter version of the original color is **85.9457, 81.7913, 105.8652**, and **31.0840, 24.4987, 31.5242** is the 20% darker color. If you saturate the color by 10%, you get **55.2769, 42.2206, 54.3342**, and if you desaturate by 10%, it is **67.0952, 61.1508, 72.7830**.

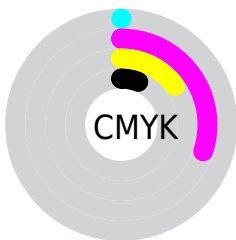
Distribution



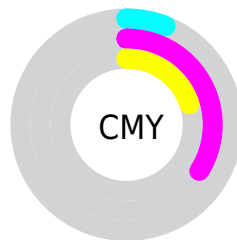
- Red (94%)
- Green (66%)
- Blue (80%)



- Red (94%)
- Yellow (66%)
- Blue (80%)



- Cyan (0%)
- Magenta (30%)
- Yellow (15%)
- Black (6%)





- Cyan (6%)
- Magenta (34%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.7173, 50.8423, 63.1133 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 60.7173, 50.8423, 63.1133 by changing the saturation by 10% instead.


 60.7173, 50.8423,
63.1133

 60.7173, 50.8423,
63.1133


417.0292,
389.9508, 454.0998

 44.2487, 36.0831,
45.4913

 104.9699, 91.4216,
110.9201

 31.0648, 24.4984,
31.4988


 133.4847,
118.0106, 141.9420

 20.8003, 15.7037,
20.7173


166.7456,
149.3115, 178.2675

 13.0897, 9.3148,
12.7283

205.1180,
185.7089, 220.3154

 7.5678, 4.9471,
7.1132

248.9671,
227.5872, 268.5040

 3.8691, 2.2162,
3.4535

298.6585,

 1.6284, 0.7288,

275.3306, 323.2519

1.3306

354.5574,
329.3237, 384.9776

■ 0.4108, 0.0000,
0.0867

■ 0.0000, 0.0000,
0.0000

■ 60.7173, 50.8423,
63.1133

■ 60.7173, 50.8423,
63.1133

■ 55.2769, 42.2206,
54.3342

■ 67.0952, 61.1508,
72.7830

■ 50.7220, 35.1874,
46.4134

■ 74.4506, 73.2232,
83.3679

■ 47.0016, 29.6453,
39.3206

■ 82.8260, 87.1406,
94.8952

■ 44.0580, 25.4828,
33.0221

■ 89.3197, 97.0951,
106.4098

■ 41.8250, 22.5727,
27.4809

■ 89.7455, 97.2654,
108.6518

■ 40.2244, 20.7638,
22.6553

■ 39.1266, 19.8019,
18.4856

■ 39.1264, 19.8018,
18.4848

Harmonies

Analogous

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



57.4803, 50.8423, 81.4825



60.7173, 50.8423, 63.1133



60.4376, 50.8423, 45.9575

Triad

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



60.7173, 50.8423, 63.1133



44.9191, 50.8423, 29.0373



40.7800, 50.8423, 83.9428

Complementary

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



60.7173, 50.8423, 63.1133



58.3301, 75.0542, 69.1737

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.



37.9480, 50.8423, 65.9616



60.7173, 50.8423, 63.1133



40.1958, 50.8423, 35.5165

Square

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



60.7173, 50.8423, 63.1133



50.9609, 50.8423, 28.5915



37.7436, 50.8423, 48.2667



45.7798, 50.8423, 95.1047

Rectangle

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



60.7173, 50.8423, 63.1133



58.2929, 50.8423, 37.3772



37.7436, 50.8423, 48.2667



39.5619, 50.8423, 78.3419

Sweetspot

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



60.7188, 50.8446, 63.1143



86.3194, 85.4849, 96.9075



54.6347, 47.1365, 88.6574



18.1933, 17.8302, 20.3451



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.



60.7188, 50.8446, 63.1143



65.7360, 52.0708, 66.1458



57.0076, 49.3602, 43.5714



16.0930, 15.8869, 18.0457



21.4849, 10.8664, 10.4701



1.8374, 0.9240, 1.1348

Inverse Universe

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



60.7188, 50.8446, 63.1143



65.7360, 52.0708, 66.1458



63.0383, 76.9375, 93.9667



16.0930, 15.8869, 18.0457



21.4849, 10.8664, 10.4701



1.8374, 0.9240, 1.1348

Previews

White Background



This preview shows how the XYZ color 60.7173, 50.8423, 63.1133 looks on a white background.

Color Contrast Check

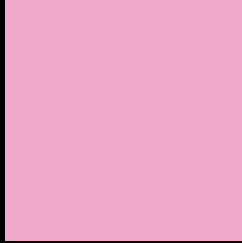
Large Text (above 18pt) WCAG AA × Fail

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 60.7173, 50.8423, 63.1133 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 60.7173, 50.8423, 63.1133

Background



This preview shows how black text looks on a background with the XYZ color 60.7173, 50.8423, 63.1133.



This preview shows how white text looks on a background with the XYZ color 60.7173, 50.8423,

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

60.7173, 50.8423, 63.1133

Protanopia

50.2565, 51.1870, 71.5213

Deuteranopia

52.1944, 51.1476, 61.7651



Tritanopia

58.4745, 50.7637, 52.0638

Trichromacy



Original Color

60.7173, 50.8423, 63.1133



Protanomaly

53.4586, 50.7300, 68.6023



Deuteranomaly

54.7819, 50.6568, 62.1488



Tritanomaly

59.3753, 50.8618, 55.9781

Monochromacy



Original Color

60.7173, 50.8423, 63.1133



Achromatopsia

51.2775, 53.9479, 58.7493



Achromatomaly

54.2910, 52.5780, 60.1105

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7173, 50.8423, 63.1133 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(240, 168, 203)` looks like.

```
.text, #text, p{  
    color:rgb(240, 168, 203)  
}
```

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(240, 168, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 168, 203) }
```

Border

The CSS property to change the border of an element to XYZ 60.7173, 50.8423, 63.1133 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(240, 168, 203) }
```


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

```
.border{ border-color:rgb(240, 168, 203) }
```

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

Here you see how a box with a 4 pixel rgb(240, 168, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 168, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 168, 203);  
box-shadow:4px 4px 4px 4px rgb(240, 168,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7173, 50.8423, 63.1133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 168, 203) }
```

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

```
.background{ background-color: rgb(240,  
168, 203) }
```

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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