

Converting Colors

XYZ(60.4675, 51.5317, 58.4354)

Have a look what the booklet for
XYZ(60.4675, 51.5317, 58.4354)
contains.

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Color

**XYZ(60.6889, 51.7667,
58.4231)**

Conversions

Conversions Part 1

Format	Color
Hex	F1ABC3
RGB	241, 171, 195
RGB Percent	95%, 67%, 76%
CMY	0.0549, 0.3294, 0.2353
CMYK	0.00, 0.29, 0.19, 0.05
HSL	339°, 71%, 81%
HSV	339°, 29%, 95%
XYZ	60.6889, 51.7667, 58.4231
YIQ	194.6660, 34.0160, 22.3040

Conversions

Conversions Part 2

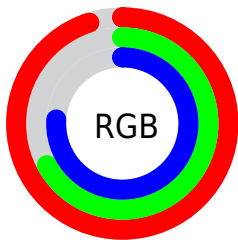
Format	Color
R _Y B	241, 171, 195
Decimal	15838147
CIE Lab	77.14, 29.08, -1.93
CIE LCh	77, 29.147, 356.201
Yxy	51.7667, 0.3552, 0.3029
Android (android.graphics.Color)	4294028227 (0xFFFF1ABC3)
YUV	194.6660, 0.1647, 40.6349
Hunter-Lab	71.9491, 24.6535, 2.2205

Details

The XYZ color **60.6889, 51.7667, 58.4231** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **60.7765, 76.5797, 77.2274**, and the grayscale version is **51.6592, 54.3495, 59.1866**.

A 20% lighter version of the original color is **86.2798, 83.2264, 103.6123**, and **31.0533, 25.0703, 28.4017** is the 20% darker color. If you saturate the color by 10%, you get **54.8481, 42.8003, 48.1048**, and if you desaturate by 10%, it is **67.5525, 62.4737, 70.0207**.

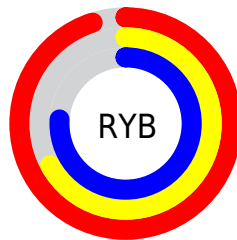
Distribution



Red (95%)

Green (67%)

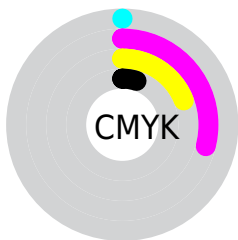
Blue (76%)



Red (95%)

Yellow (67%)

Blue (76%)

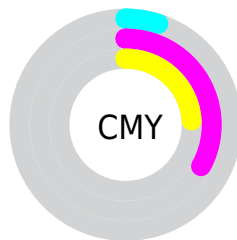


Cyan (0%)

Magenta (29%)

Yellow (19%)

Black (5%)



Cyan (5%)


Magenta (33%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.6889, 51.7667, 58.4231 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 60.6889, 51.7667, 58.4231 by changing the saturation by 10% instead.


 60.6889, 51.7667,
58.4231

 60.6889, 51.7667,
58.4231


416.9266,
393.5353, 436.4029

 44.2257, 36.8191,
41.7319

 104.9290, 92.7871,
104.0596

 31.0467, 25.0675,
28.5675


133.4367,
119.6287, 133.8420

 20.7864, 16.1273,
18.5111


166.6899,
151.2038, 168.8252

 13.0795, 9.6143,
11.1443

205.0540,
187.8968, 209.4279

 7.5607, 5.1440,
6.0486

248.8944,
230.0920, 256.0684

 3.8646, 2.3320,
2.8054

298.5764,

 1.6258, 0.7906,

278.1739, 309.1654

0.9961

354.4653,
332.5269, 369.1374

■ 0.4091, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.6889, 51.7667,
58.4231

■ 60.6889, 51.7667,
58.4231

■ 54.8481, 42.8003,
48.1048

■ 67.5525, 62.4737,
70.0207

■ 49.9748, 35.4746,
39.0164

■ 75.4818, 74.9997,
82.9380

■ 46.0146, 29.6908,
31.1100

■ 84.5228, 89.4273,
97.2175

■ 42.9061, 25.3360,
24.3328

■ 90.0859, 97.4409,
108.6677

■ 40.5796, 22.2821,
18.6273

■ 38.9532, 20.3773,
13.9297

■ 37.9064, 19.3932,
10.1604

■ 37.8226, 19.3196,
9.8423

Harmonies

Analogous

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



58.6561, 51.7667, 75.2197



60.6889, 51.7667, 58.4231



59.4580, 51.7667, 43.8712

Triad

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



60.6889, 51.7667, 58.4231



44.6212, 51.7667, 33.0687



43.4789, 51.7667, 85.9094

Complementary

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



60.6889, 51.7667, 58.4231



60.7765, 76.5797, 77.2274

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.



40.2001, 51.7667, 71.0309



60.6889, 51.7667, 58.4231



40.8238, 51.7667, 40.9581

Square

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



60.6889, 51.7667, 58.4231



49.9161, 51.7667, 30.9527



39.2657, 51.7667, 54.3561



48.4961, 51.7667, 92.8696

Rectangle

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



60.6889, 51.7667, 58.4231



56.9988, 51.7667, 36.9884



39.2657, 51.7667, 54.3561



42.1520, 51.7667, 81.5459

Sweetspot

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



60.6904, 51.7691, 58.4242



85.8266, 85.2878, 94.3126



58.9089, 50.1545, 89.7957



18.0722, 17.7818, 19.7076



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.



60.6904, 51.7691, 58.4242



64.8341, 52.4429, 59.1368



60.2539, 54.8949, 45.9510



15.9964, 15.8483, 17.5375



20.5670, 10.4992, 5.6365



1.7560, 0.8915, 0.7060

Inverse Universe

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



60.6904, 51.7691, 58.4242



64.8341, 52.4429, 59.1368



61.1097, 71.8827, 93.8737



15.9964, 15.8483, 17.5375



20.5670, 10.4992, 5.6365



1.7560, 0.8915, 0.7060

Previews

White Background



This preview shows how the XYZ color 60.6889, 51.7667, 58.4231 looks on a white background.

Color Contrast Check

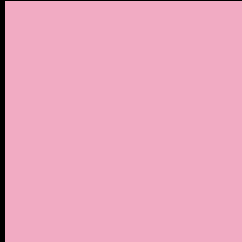
Large Text (above 18pt) WCAG AA × Fail

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 60.6889, 51.7667, 58.4231 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 60.6889, 51.7667, 58.4231

Background



This preview shows how black text looks on a background with the XYZ color 60.6889, 51.7667, 58.4231.



This preview shows how white text looks on a background with the XYZ color 60.6889, 51.7667,

58.4231.

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

60.6889, 51.7667, 58.4231

Protanopia

50.7892, 52.2303, 65.7971

Deuteranopia

52.8758, 51.9136, 57.1026



Tritanopia

59.7417, 51.9576, 53.3345

Trichromacy



Original Color

60.6889, 51.7667, 58.4231

Protanomaly

53.8887, 51.6866, 63.0134

Deuteranomaly

55.4621, 51.7084, 57.5096

Tritanomaly

59.8730, 51.7044, 54.9684

Monochromacy



Original Color

60.6889, 51.7667, 58.4231

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

54.5606, 53.0550, 58.9947

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.6889, 51.7667, 58.4231 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(241, 171, 195)` looks like.

```
.text, #text, p{  
    color:rgb(241, 171, 195)  
}
```

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(241, 171, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 171, 195) }
```

Border

The CSS property to change the border of an element to XYZ 60.6889, 51.7667, 58.4231 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(241, 171, 195) }
```


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

```
.border{ border-color:rgb(241, 171, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 171, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 171, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 171, 195);  
box-shadow:4px 4px 4px 4px rgb(241, 171,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 60.6889, 51.7667, 58.4231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 171, 195) }
```

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

```
.background{ background-color: rgb(241,  
171, 195) }
```

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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