

Converting Colors

XYZ(60.2039, 51.5468, 58.7600)

Have a look what the booklet for
XYZ(60.2039, 51.5468, 58.7600)
contains.

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Color

**XYZ(60.1233, 51.4621,
58.9889)**

Conversions

Conversions Part 1

Format	Color
Hex	EFABC4
RGB	239, 171, 196
RGB Percent	94%, 67%, 77%
CMY	0.0627, 0.3294, 0.2314
CMYK	0.00, 0.28, 0.18, 0.06
HSL	338°, 68%, 80%
HSV	338°, 28%, 94%
XYZ	60.1233, 51.4621, 58.9889
YIQ	194.1820, 32.5030, 22.1910

Conversions

Conversions Part 2

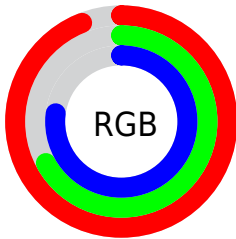
Format	Color
R_{YB}	239, 171, 196
Decimal	15707076
CIE _{Lab}	76.96, 28.53, -2.77
CIE _{LCh}	77, 28.664, 354.455
Yxy	51.4621, 0.3525, 0.3017
Android (android.graphics.Color)	4293897156 (0xFFEFABC4)
YUV	194.1820, 0.8963, 39.3054
Hunter-Lab	71.7371, 24.0621, 1.4622

Details

The XYZ color **60.1233, 51.4621, 58.9889** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **59.8008, 75.2472, 74.9943**, and the grayscale version is **51.3686, 54.0437, 58.8536**.

A 20% lighter version of the original color is **86.4387, 83.2900, 104.4493**, and **30.6523, 24.8549, 28.7731** is the 20% darker color. If you saturate the color by 10%, you get **54.3759, 42.5828, 49.0086**, and if you desaturate by 10%, it is **66.8632, 62.0479, 70.1563**.

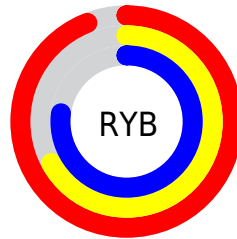
Distribution



Red (94%)

Green (67%)

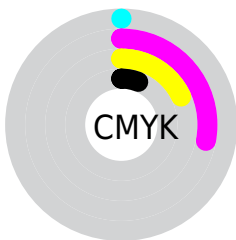
Blue (77%)



Red (94%)

Yellow (67%)

Blue (77%)

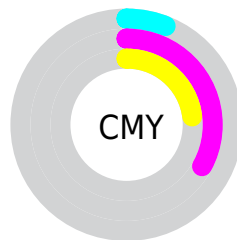


Cyan (0%)

Magenta (28%)

Yellow (18%)

Black (6%)



Cyan (6%)


Magenta (33%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.1233, 51.4621, 58.9889 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 60.1233, 51.4621, 58.9889 by changing the saturation by 10% instead.


 60.1233, 51.4621,
58.9889

 60.1233, 51.4621,
58.9889


414.8796,
392.3565, 438.5615

 43.7679, 36.5765,
42.1842


 104.1138, 92.3375,
104.8905

 30.6852, 24.8798,
28.9189


132.4796,
119.0960, 134.8245

 20.5099, 15.9875,
18.7744


165.5796,
150.5810, 169.9720

 12.8766, 9.5153,
11.3323

203.7791,
187.1769, 210.7516

 7.4201, 5.0788,
6.1738

247.4435,
229.2679, 257.5818

 3.7748, 2.2936,
2.8806

296.9382,

 1.5755, 0.7703,

277.2386, 310.8812

1.0340

352.6284,
331.4734, 371.0682

■ 0.3764, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.1233, 51.4621,
58.9889

■ 60.1233, 51.4621,
58.9889

■ 54.3759, 42.5828,
49.0086

■ 66.8632, 62.0479,
70.1563

■ 49.5674, 35.3127,
40.1707

■ 74.6368, 74.4163,
82.5469

■ 45.6459, 29.5558,
32.4319

■ 83.4881, 88.6477,
96.1991

■ 42.5521, 25.2028,
25.7449

■ 89.4068, 97.0908,
108.6359

■ 40.2191, 22.1294,
20.0580

■ 38.5688, 20.1892,
15.3139

■ 37.4911, 19.1729,
11.4426

■ 37.3524, 19.0530,
10.9106

Harmonies

Analogous

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



57.9615, 51.4621, 75.3912



60.1233, 51.4621, 58.9889



59.1048, 51.4621, 44.4861

Triad

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



60.1233, 51.4621, 58.9889



44.6948, 51.4621, 32.8800



43.0608, 51.4621, 84.2281

Complementary

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



60.1233, 51.4621, 58.9889



59.8008, 75.2472, 74.9943

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.



39.9661, 51.4621, 69.4238



60.1233, 51.4621, 58.9889



40.8592, 51.4621, 40.3101

Square

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



60.1233, 51.4621, 58.9889



49.9345, 51.4621, 31.1205



39.1910, 51.4621, 53.1785



47.9059, 51.4621, 91.6000

Rectangle

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



60.1233, 51.4621, 58.9889



56.7955, 51.4621, 37.5051



39.1910, 51.4621, 53.1785



41.7961, 51.4621, 79.8365

Sweetspot

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



60.1248, 51.4645, 58.9900



85.9113, 85.3216, 94.7582



57.5661, 49.4967, 88.1815



18.0929, 17.7901, 19.8169



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.



60.1248, 51.4645, 58.9900



65.7435, 53.5543, 61.6206



59.0559, 53.5069, 45.7464



16.0130, 15.8549, 17.6247



20.6994, 10.5522, 6.3338



1.7684, 0.8964, 0.7711

Inverse Universe

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



60.1248, 51.4645, 58.9900



65.7435, 53.5543, 61.6206



60.9709, 72.0804, 92.3612



16.0130, 15.8549, 17.6247



20.6994, 10.5522, 6.3338



1.7684, 0.8964, 0.7711

Previews

White Background



This preview shows how the XYZ color 60.1233, 51.4621, 58.9889 looks on a white background.

Color Contrast Check

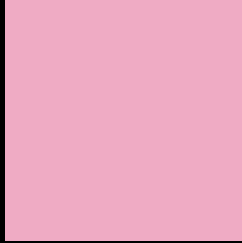
Large Text (above 18pt) WCAG AA × Fail

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 60.1233, 51.4621, 58.9889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

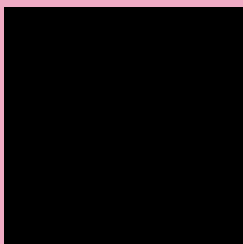
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.1233, 51.4621, 58.9889

Background



This preview shows how black text looks on a background with the XYZ color 60.1233, 51.4621, 58.9889.



This preview shows how white text looks on a background with the XYZ color 60.1233, 51.4621,

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

60.1233, 51.4621, 58.9889

Protanopia

50.4463, 51.7190, 66.3554

Deuteranopia

52.6102, 51.4414, 58.1953



Tritanopia

59.0664, 51.6095, 53.3029

Trichromacy



Original Color

60.1233, 51.4621, 58.9889

Protanomaly

53.2396, 51.0331, 63.5443

Deuteranomaly

55.1838, 51.2404, 58.6116

Tritanomaly

59.3067, 51.3999, 55.5106

Monochromacy



Original Color

60.1233, 51.4621, 58.9889

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

53.9876, 52.7596, 58.9679

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1233, 51.4621, 58.9889 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(239, 171, 196)` looks like.

```
.text, #text, p{  
    color:rgb(239, 171, 196)  
}
```

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(239, 171, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 171, 196) }
```

Border

The CSS property to change the border of an element to XYZ 60.1233, 51.4621, 58.9889 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(239, 171, 196) }
```


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

```
.border{ border-color:rgb(239, 171, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 171, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 171, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 171, 196);  
box-shadow:4px 4px 4px 4px rgb(239, 171,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1233, 51.4621, 58.9889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 171, 196) }
```

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

```
.background{ background-color: rgb(239,  
171, 196) }
```

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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