

Converting Colors

XYZ(58.5164, 51.4312, 61.4866)

Have a look what the booklet for
XYZ(58.5164, 51.4312, 61.4866)
contains.

XYZ(58.5164, 51.4312, 61.4866)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(58.5164, 51.4312,
61.4866)**

Conversions

Conversions Part 1

Format	Color
Hex	E7AEC8
RGB	231, 174, 200
RGB Percent	91%, 68%, 78%
CMY	0.0941, 0.3176, 0.2157
CMYK	0.00, 0.25, 0.13, 0.09
HSL	333°, 54%, 79%
HSV	333°, 25%, 91%
XYZ	58.5164, 51.4312, 61.4866
YIQ	194.0070, 25.6260, 20.1700

Conversions

Conversions Part 2

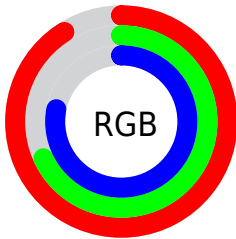
Format	Color
R _Y B	231, 174, 200
Decimal	15183560
CIE Lab	76.94, 24.75, -5.07
CIE LCh	77, 25.266, 348.422
Yxy	51.4312, 0.3413, 0.3000
Android (android.graphics.Color)	4293373640 (0xFFE7AEC8)
YUV	194.0070, 2.9545, 32.4429
Hunter-Lab	71.7155, 20.1451, -0.6325

Details

The XYZ color **58.5164, 51.4312, 61.4866** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **57.0531, 70.5597, 68.3734**, and the grayscale version is **51.2561, 53.9254, 58.7247**.

A 20% lighter version of the original color is **87.5868, 85.0736, 106.4123**, and **29.7049, 24.8640, 30.4277** is the 20% darker color. If you saturate the color by 10%, you get **53.0232, 42.6985, 52.7063**, and if you desaturate by 10%, it is **64.9007, 61.7516, 71.1605**.

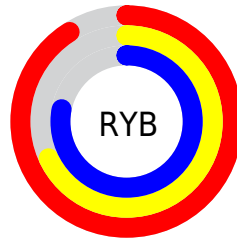
Distribution



Red (91%)

Green (68%)

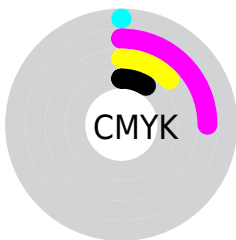
Blue (78%)



Red (91%)

Yellow (68%)

Blue (78%)

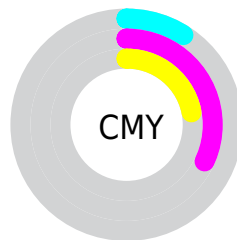


Cyan (0%)

Magenta (25%)

Yellow (13%)

Black (9%)



Cyan (9%)


Magenta (32%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.5164, 51.4312, 61.4866 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 58.5164, 51.4312, 61.4866 by changing the saturation by 10% instead.


 58.5164, 51.4312,
61.4866

 58.5164, 51.4312,
61.4866


409.0303,
392.2368, 448.0118

 42.4688, 36.5519,
44.1849


 101.7931, 92.2918,
108.5476

 29.6613, 24.8607,
30.4776


129.7530,
119.0420, 139.1439

 19.7284, 15.9733,
19.9463


162.4143,
150.5178, 175.0088

 12.3049, 9.5053,
12.1723

200.1424,
187.1038, 216.5609

 7.0254, 5.0722,
6.7372

243.3028,
229.1843, 264.2187

 3.5244, 2.2897,
3.2223

292.2606,

 1.4368, 0.7682,

277.1437, 318.4008

1.2093

347.3813,
331.3664, 379.5256

■ 0.2822, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.5164, 51.4312,
61.4866

■ 58.5164, 51.4312,
61.4866

■ 53.0232, 42.6985,
52.7063

■ 64.9007, 61.7516,
71.1605

■ 48.3745, 35.4669,
44.7881

■ 72.2108, 73.7269,
81.7516

■ 44.5260, 29.6519,
37.7030

■ 80.4851, 87.4286,
93.2865

■ 41.4274, 25.1581,
31.4189

■ 86.0111, 95.4274,
104.5406

■ 39.0222, 21.8777,
25.9008

■ 86.7653, 95.7291,
108.5123

■ 37.2455, 19.6860,
21.1104

■ 36.0180, 18.4305,
17.0034

■ 35.5236, 18.0164,
15.0668

Harmonies

Analogous

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



56.1344, 51.4312, 75.4833



58.5164, 51.4312, 61.4866



58.1948, 51.4312, 48.0391

Triad

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



58.5164, 51.4312, 61.4866



46.0188, 51.4312, 34.4398



42.9988, 51.4312, 78.2444

Complementary

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



58.5164, 51.4312, 61.4866



57.0531, 70.5597, 68.3734

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.



40.6230, 51.4312, 64.7947



58.5164, 51.4312, 61.4866



42.2861, 51.4312, 40.1955

Square

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



58.5164, 51.4312, 61.4866



50.7639, 51.4312, 33.8514



40.3710, 51.4312, 50.8496



47.0508, 51.4312, 86.1653

Rectangle

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



58.5164, 51.4312, 61.4866



56.4943, 51.4312, 41.0984



40.3710, 51.4312, 50.8496



41.9894, 51.4312, 74.1273

Sweetspot

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



58.5179, 51.4335, 61.4877



88.0936, 88.5257, 99.0637



54.5735, 48.9383, 82.1717



18.7332, 18.7471, 21.0280



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.



58.5179, 51.4335, 61.4877



69.3201, 58.1241, 70.7772



56.1026, 51.0589, 46.9457



14.6490, 14.4768, 16.3519



19.9758, 10.1245, 8.7675



1.5225, 0.7667, 0.8921

Inverse Universe

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



58.5179, 51.4335, 61.4877



69.3201, 58.1241, 70.7772



59.9280, 70.8635, 86.1215



14.6490, 14.4768, 16.3519



19.9758, 10.1245, 8.7675



1.5225, 0.7667, 0.8921

Previews

White Background



This preview shows how the XYZ color 58.5164, 51.4312, 61.4866 looks on a white background.

Color Contrast Check

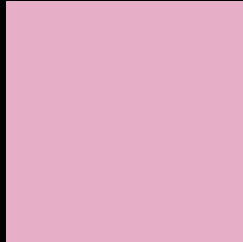
Large Text (above 18pt) WCAG AA × Fail

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 58.5164, 51.4312, 61.4866 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 58.5164, 51.4312, 61.4866

Background



This preview shows how black text looks on a background with the XYZ color 58.5164, 51.4312, 61.4866.



This preview shows how white text looks on a background with the XYZ color 58.5164, 51.4312,

61.4866.

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

58.5164, 51.4312, 61.4866

Protanopia

50.4453, 51.6900, 67.6400

Deuteranopia

52.7188, 51.7543, 60.6371



Tritanopia

57.3438, 51.5478, 55.0715

Trichromacy



Original Color

58.5164, 51.4312, 61.4866

Protanomaly

53.1829, 51.5746, 65.5444

Deuteranomaly

54.5642, 51.4674, 61.0912

Tritanomaly

57.5887, 51.3332, 57.3251

Monochromacy



Original Color

58.5164, 51.4312, 61.4866

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

53.4663, 52.7916, 59.5964

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5164, 51.4312, 61.4866 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(231, 174, 200)` looks like.

```
.text, #text, p{  
    color:rgb(231, 174, 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(231, 174, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 174, 200) }
```

Border

The CSS property to change the border of an element to XYZ 58.5164, 51.4312, 61.4866 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(231, 174, 200) }
```


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

```
.border{ border-color:rgb(231, 174, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 174, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 174, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 174, 200);  
box-shadow:4px 4px 4px 4px rgb(231, 174,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5164, 51.4312, 61.4866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 174, 200) }
```

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

```
.background{ background-color: rgb(231,  
174, 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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