

Converting Colors

XYZ(59.9823, 51.2894, 60.7455)

Have a look what the booklet for
XYZ(59.9823, 51.2894, 60.7455)
contains.

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Color

**XYZ(60.1316, 51.4265,
60.7899)**

Conversions

Conversions Part 1

Format	Color
Hex	EEABC7
RGB	238, 171, 199
RGB Percent	93%, 67%, 78%
CMY	0.0667, 0.3294, 0.2196
CMYK	0.00, 0.28, 0.16, 0.07
HSL	335°, 66%, 80%
HSV	335°, 28%, 93%
XYZ	60.1316, 51.4265, 60.7899
YIQ	194.2250, 30.9440, 22.9120

Conversions

Conversions Part 2

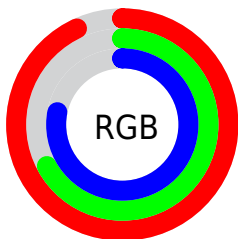
Format	Color
R _Y B	238, 171, 199
Decimal	15641543
CIE Lab	76.94, 28.64, -4.45
CIE LCh	77, 28.986, 351.170
Yxy	51.4265, 0.3489, 0.2984
Android (android.graphics.Color)	4293831623 (0xFFEEABC7)
YUV	194.2250, 2.3541, 38.3907
Hunter-Lab	71.7123, 24.1779, -0.0611

Details

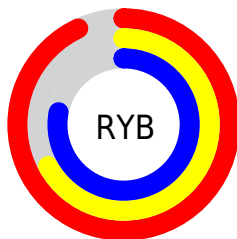
The XYZ color **60.1316, 51.4265, 60.7899** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **59.0041, 74.4614, 72.2389**, and the grayscale version is **51.3863, 54.0624, 58.8740**.

A 20% lighter version of the original color is **86.7591, 83.4182, 106.1364**, and **30.6453, 24.8250, 29.9646** is the 20% darker color. If you saturate the color by 10%, you get **54.4983, 42.6177, 51.3338**, and if you desaturate by 10%, it is **66.7237, 61.9173, 71.2894**.

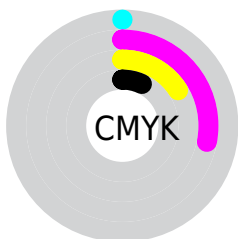
Distribution



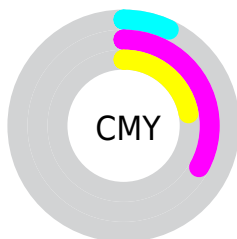
- Red (93%)
- Green (67%)
- Blue (78%)



- Red (93%)
- Yellow (67%)
- Blue (78%)



- Cyan (0%)
- Magenta (28%)
- Yellow (16%)
- Black (7%)





- Cyan (7%)
- Magenta (33%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.1316, 51.4265, 60.7899 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 60.1316, 51.4265, 60.7899 by changing the saturation by 10% instead.


 60.1316, 51.4265,
60.7899

 60.1316, 51.4265,
60.7899


414.9096,
392.2186, 445.3884

 43.7746, 36.5481,
43.6262


 104.1258, 92.2849,
107.5292

 30.6905, 24.8578,
30.0417


132.4937,
119.0337, 137.9419

 20.5139, 15.9712,
19.6179


165.5959,
150.5082, 173.6080

 12.8796, 9.5038,
11.9363

203.7979,
187.0927, 214.9461

 7.4221, 5.0712,
6.5783

247.4649,
229.1715, 262.3746

 3.7761, 2.2891,
3.1254

296.9622,

 1.5763, 0.7679,

277.1292, 316.3121

1.1590

352.6554,
331.3501, 377.1772

■ 0.3769, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.1316, 51.4265,
60.7899

■ 60.1316, 51.4265,
60.7899

■ 54.4983, 42.6177,
51.3338

■ 66.7237, 61.9173,
71.2894

■ 49.7721, 35.3955,
42.8828

■ 74.3141, 74.1650,
82.8622

■ 45.9028, 29.6654,
35.4010

■ 82.9455, 88.2484,
95.5409

■ 42.8334, 25.3203,
28.8483

■ 88.9768, 96.8799,
108.1289

■ 40.4994, 22.2381,
23.1813

■ 89.0701, 96.9173,
108.6201

■ 38.8253, 20.2755,
18.3516

■ 37.7071, 19.2326,
14.3001

■ 37.5340, 19.0868,
13.6244

Harmonies

Analogous

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



57.6197, 51.4265, 77.2908



60.1316, 51.4265, 60.7899



59.4564, 51.4265, 45.7218

Triad

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



60.1316, 51.4265, 60.7899



45.1467, 51.4265, 32.1692



42.5238, 51.4265, 83.1596

Complementary

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



60.1316, 51.4265, 60.7899



59.0041, 74.4614, 72.2389

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.



39.6376, 51.4265, 67.7014



60.1316, 51.4265, 60.7899



41.0708, 51.4265, 39.0208

Square

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



60.1316, 51.4265, 60.7899



50.5262, 51.4265, 31.0149



39.1264, 51.4265, 51.4586



47.2687, 51.4265, 91.7095

Rectangle

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



60.1316, 51.4265, 60.7899



57.3094, 51.4265, 38.2782



39.1264, 51.4265, 51.4586



41.3194, 51.4265, 78.4755

Sweetspot

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



60.1331, 51.4289, 60.7910



87.0304, 86.9265, 97.0842



56.2826, 48.8520, 87.3524



18.3242, 18.1130, 20.3245



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.



60.1331, 51.4289, 60.7910



66.2608, 53.7613, 64.3450



58.0334, 51.9618, 45.5019



16.0468, 15.8684, 17.8025



21.0012, 10.6729, 7.9229



1.7956, 0.9073, 0.9146

Inverse Universe

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



60.1331, 51.4289, 60.7910



66.2608, 53.7613, 64.3450



61.5190, 73.4125, 91.8171



16.0468, 15.8684, 17.8025



21.0012, 10.6729, 7.9229



1.7956, 0.9073, 0.9146

Previews

White Background



This preview shows how the XYZ color 60.1316, 51.4265, 60.7899 looks on a white background.

Color Contrast Check

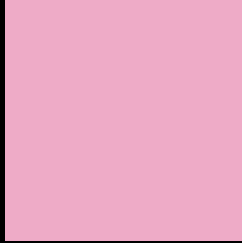
Large Text (above 18pt) WCAG AA × Fail

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 60.1316, 51.4265, 60.7899 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 60.1316, 51.4265, 60.7899

Background



This preview shows how black text looks on a background with the XYZ color 60.1316, 51.4265, 60.7899.



This preview shows how white text looks on a background with the XYZ color 60.1316, 51.4265,

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

60.1316, 51.4265, 60.7899

Protanopia

50.5695, 51.7397, 68.2942

Deuteranopia

52.6721, 51.4340, 59.9750



Tritanopia

58.7315, 51.4368, 53.2872

Trichromacy



Original Color

60.1316, 51.4265, 60.7899

Protanomaly

53.3221, 51.0339, 65.4327

Deuteranomaly

55.2266, 51.2228, 60.4023

Tritanomaly

59.0815, 51.2712, 56.0726

Monochromacy



Original Color

60.1316, 51.4265, 60.7899

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

54.1011, 52.8050, 59.5655

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1316, 51.4265, 60.7899 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(238, 171, 199)` looks like.

```
.text, #text, p{  
    color:rgb(238, 171, 199)  
}
```

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(238, 171, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 171, 199) }
```

Border

The CSS property to change the border of an element to XYZ 60.1316, 51.4265, 60.7899 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(238, 171, 199) }
```


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

```
.border{ border-color:rgb(238, 171, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 171, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 171, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 171, 199);  
box-shadow:4px 4px 4px 4px rgb(238, 171,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1316, 51.4265, 60.7899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 171, 199) }
```

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

```
.background{ background-color: rgb(238,  
171, 199) }
```

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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