

Converting Colors

XYZ(59.2167, 51.3200, 58.6211)

Have a look what the booklet for
XYZ(59.2167, 51.3200, 58.6211)
contains.

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Color

**XYZ(59.1949, 51.2780,
58.4075)**

Conversions

Conversions Part 1

Format	Color
Hex	ECACC3
RGB	236, 172, 195
RGB Percent	93%, 67%, 76%
CMY	0.0745, 0.3255, 0.2353
CMYK	0.00, 0.27, 0.17, 0.07
HSL	338°, 63%, 80%
HSV	338°, 27%, 93%
XYZ	59.1949, 51.2780, 58.4075
YIQ	193.7580, 30.7610, 20.7210

Conversions

Conversions Part 2

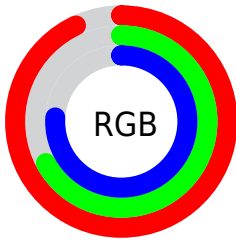
Format	Color
RYB	236, 172, 195
Decimal	15510723
CIELab	76.85, 26.79, -2.42
CIELCh	77, 26.897, 354.830
Yxy	51.2780, 0.3505, 0.3036
Android (android.graphics.Color)	4293700803 (0xFFECACC3)
YUV	193.7580, 0.6123, 37.0462
Hunter-Lab	71.6087, 22.2409, 1.7663

Details

The XYZ color **59.1949, 51.2780, 58.4075** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **59.0210, 73.5670, 74.0433**, and the grayscale version is **51.1201, 53.7823, 58.5689**.

A 20% lighter version of the original color is **86.5541, 83.7751, 103.7038**, and **29.9950, 24.7004, 28.3861** is the 20% darker color. If you saturate the color by 10%, you get **53.4721, 42.4307, 48.4883**, and if you desaturate by 10%, it is **65.8913, 61.7944, 69.5065**.

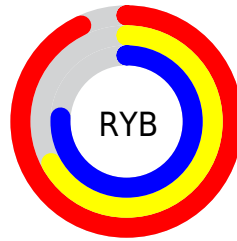
Distribution



Red (93%)

Green (67%)

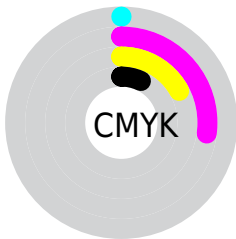
Blue (76%)



Red (93%)

Yellow (67%)

Blue (76%)

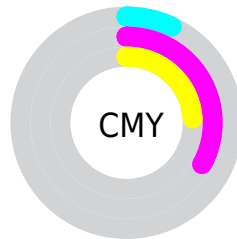


Cyan (0%)

Magenta (27%)

Yellow (17%)

Black (7%)



Cyan (7%)


Magenta (33%)


Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.1949, 51.2780, 58.4075 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 59.1949, 51.2780, 58.4075 by changing the saturation by 10% instead.


 59.1949, 51.2780,
58.4075

 59.1949, 51.2780,
58.4075

411.5063,
391.6429, 436.3432

 43.0170, 36.4299,
41.7195

 102.7739, 92.0656,
104.0367

 30.0930, 24.7664,
28.5578


130.9057,
118.7738, 133.8149

 20.0576, 15.9031,
18.5038


163.7528,
150.2043, 168.7936

 12.5455, 9.4556,
11.1392

201.6807,
186.7413, 209.3913

 7.1911, 5.0395,
6.0452

245.0546,
228.7693, 256.0266

 3.6293, 2.2705,
2.8033

294.2399,

 1.4946, 0.7580,

276.6726, 309.1180

0.9951

349.6020,
330.8357, 369.0840

■ 0.3222, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.1949, 51.2780,
58.4075

■ 59.1949, 51.2780,
58.4075

■ 53.4721, 42.4307,
48.4883

■ 65.8913, 61.7944,
69.5065

■ 48.6712, 35.1589,
39.7047

■ 73.6010, 74.0528,
81.8209

■ 44.7422, 29.3708,
32.0141

■ 82.3666, 88.1307,
95.3889

■ 41.6283, 24.9617,
25.3696

■ 88.4023, 96.5730,
108.5889

■ 39.2657, 21.8134,
19.7206

■ 37.5800, 19.7874,
15.0107

■ 36.4762, 18.7047,
11.1749

■ 36.2242, 18.4857,
10.2122

Harmonies

Analogous

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



57.2207, 51.2780, 73.6633



59.1949, 51.2780, 58.4075



58.2118, 51.2780, 44.8289

Triad

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



59.1949, 51.2780, 58.4075



44.7269, 51.2780, 33.9880



43.2942, 51.2780, 82.1436

Complementary

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



59.1949, 51.2780, 58.4075



59.0210, 73.5670, 74.0433

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.



40.3526, 51.2780, 68.5050



59.1949, 51.2780, 58.4075



41.1384, 51.2780, 41.1406

Square

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



59.1949, 51.2780, 58.4075



49.6290, 51.2780, 32.2326



39.5917, 51.2780, 53.3353



47.8581, 51.2780, 88.8142

Rectangle

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



59.1949, 51.2780, 58.4075



56.0449, 51.2780, 38.2490



39.5917, 51.2780, 53.3353



42.0959, 51.2780, 78.1178

Sweetspot

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



59.1964, 51.2804, 58.4086



86.8505, 86.8545, 96.1367



57.2001, 49.6402, 85.9242



18.2790, 18.0949, 20.0866



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.



59.1964, 51.2804, 58.4086



66.3275, 54.5504, 62.3460



58.4694, 53.6720, 46.3106



15.2891, 15.1435, 16.8077



20.0236, 10.2121, 5.9255



1.6169, 0.8197, 0.7000

Inverse Universe

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



59.1964, 51.2804, 58.4086



66.3275, 54.5504, 62.3460



59.7522, 70.0220, 89.7237



15.2891, 15.1435, 16.8077



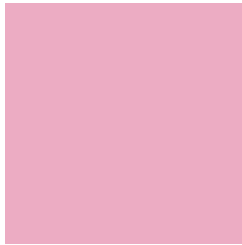
20.0236, 10.2121, 5.9255



1.6169, 0.8197, 0.7000

Previews

White Background



This preview shows how the XYZ color 59.1949, 51.2780, 58.4075 looks on a white background.

Color Contrast Check

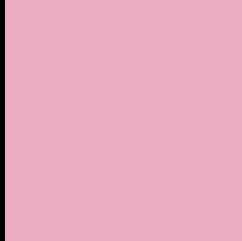
Large Text (above 18pt) WCAG AA × Fail

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 59.1949, 51.2780, 58.4075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

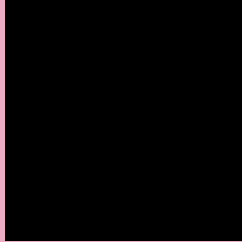
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.1949, 51.2780, 58.4075

Background



This preview shows how black text looks on a background with the XYZ color 59.1949, 51.2780, 58.4075.



This preview shows how white text looks on a background with the XYZ color 59.1949, 51.2780,

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

59.1949, 51.2780, 58.4075

Protanopia

50.2033, 51.6218, 65.0756

Deuteranopia

52.4983, 51.3966, 57.6057



Tritanopia

58.1742, 51.1372, 53.8181

Trichromacy



Original Color

59.1949, 51.2780, 58.4075

Protanomaly

52.9297, 51.2058, 62.3524

Deuteranomaly

54.9723, 51.4430, 58.0711

Tritanomaly

58.4988, 51.2670, 55.5275

Monochromacy



Original Color

59.1949, 51.2780, 58.4075

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

53.5910, 52.5682, 58.3611

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1949, 51.2780, 58.4075 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(236, 172, 195) looks like.

```
.text, #text, p{  
    color:rgb(236, 172, 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(236, 172, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 172, 195) }
```

Border

The CSS property to change the border of an element to XYZ 59.1949, 51.2780, 58.4075 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(236, 172, 195) }
```


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

```
.border{ border-color:rgb(236, 172, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 172, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 172, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 172, 195);  
box-shadow:4px 4px 4px 4px rgb(236, 172,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1949, 51.2780, 58.4075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 172, 195) }
```

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

```
.background{ background-color: rgb(236,  
172, 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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