

Converting Colors

XYZ(58.9940, 51.7631, 58.9831)

Have a look what the booklet for
XYZ(58.9940, 51.7631, 58.9831)
contains.

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Color

**XYZ(59.0315, 51.7501,
59.1020)**

Conversions

Conversions Part 1

Format	Color
Hex	EAAEC4
RGB	234, 174, 196
RGB Percent	92%, 68%, 77%
CMY	0.0824, 0.3176, 0.2314
CMYK	0.00, 0.26, 0.16, 0.08
HSL	338°, 59%, 80%
HSV	338°, 26%, 92%
XYZ	59.0315, 51.7501, 59.1020
YIQ	194.4480, 28.6980, 19.5620

Conversions

Conversions Part 2

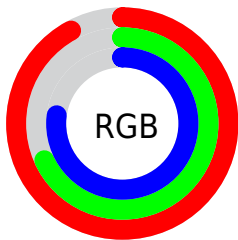
Format	Color
RYB	234, 174, 196
Decimal	15380164
CIELab	77.13, 25.17, -2.58
CIELCh	77, 25.302, 354.158
Yxy	51.7501, 0.3475, 0.3046
Android (android.graphics.Color)	4293570244 (0xFFEAAEC4)
YUV	194.4480, 0.7651, 34.6871
Hunter-Lab	71.9375, 20.5853, 1.6452

Details

The XYZ color **59.0315, 51.7501, 59.1020** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **58.7642, 72.5990, 73.2066**, and the grayscale version is **51.5286, 54.2121, 59.0369**.

A 20% lighter version of the original color is **87.2664, 84.9455, 104.7252**, and **29.8513, 24.9748, 28.8385** is the 20% darker color. If you saturate the color by 10%, you get **53.2941, 42.8427, 49.2735**, and if you desaturate by 10%, it is **65.7260, 62.3039, 70.0730**.

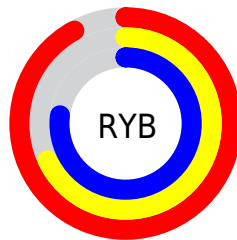
Distribution



Red (92%)

Green (68%)

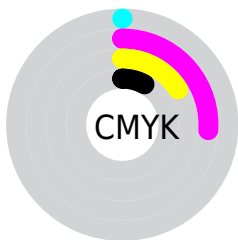
Blue (77%)



Red (92%)

Yellow (68%)

Blue (77%)

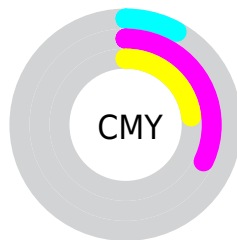


Cyan (0%)

Magenta (26%)

Yellow (16%)

Black (8%)



Cyan (8%)


Magenta (32%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.0315, 51.7501, 59.1020 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 59.0315, 51.7501, 59.1020 by changing the saturation by 10% instead.


 59.0315, 51.7501,
59.1020

 59.0315, 51.7501,
59.1020


410.9108,
393.4711, 438.9922

 42.8849, 36.8059,
42.2747

 102.5378, 92.7626,
105.0565

 29.9890, 25.0573,
28.9893


130.6283,
119.5997, 135.0207

 19.9783, 16.1197,
18.8272


163.4308,
151.1699, 170.2010

 12.4874, 9.6089,
11.3699

201.3106,
187.8576, 211.0159

 7.1511, 5.1404,
6.1989

244.6332,
230.0471, 257.8839

 3.6039, 2.3299,
2.8957

293.7638,

 1.4806, 0.7895,

278.1230, 311.2236

1.0416

349.0679,
332.4695, 371.4535

■ 0.3126, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.0315, 51.7501,
59.1020

■ 59.0315, 51.7501,
59.1020

■ 53.2941, 42.8427,
49.2735

■ 65.7260, 62.3039,
70.0730

■ 48.4637, 35.4908,
40.5453

■ 73.4157, 74.5744,
82.2201

■ 44.4923, 29.6060,
32.8772

■ 82.1418, 88.6369,
95.5796

■ 41.3254, 25.0874,
26.2248

■ 87.7418, 96.2325,
108.5580

■ 38.9016, 21.8219,
20.5401

■ 37.1504, 19.6772,
15.7705

■ 35.9855, 18.4912,
11.8559

■ 35.6031, 18.1610,
10.3886

Harmonies

Analogous

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



57.1181, 51.7501, 73.4274



59.0315, 51.7501, 59.1020



58.1704, 51.7501, 46.1339

Triad

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



59.0315, 51.7501, 59.1020



45.4779, 51.7501, 35.3703



43.9394, 51.7501, 80.8149

Complementary

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



59.0315, 51.7501, 59.1020



58.7642, 72.5990, 73.2066

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.



41.1795, 51.7501, 67.9661



59.0315, 51.7501, 59.1020



42.0262, 51.7501, 42.1449

Square

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



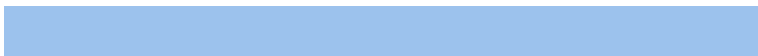
59.0315, 51.7501, 59.1020



50.1397, 51.7501, 33.7857



40.5026, 51.7501, 53.6791



48.2463, 51.7501, 87.2157

Rectangle

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



59.0315, 51.7501, 59.1020



56.1657, 51.7501, 39.7536



40.5026, 51.7501, 53.6791



42.8116, 51.7501, 77.0144

Sweetspot

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



59.0330, 51.7525, 59.1031



86.8728, 86.8634, 96.2543



57.1406, 50.2123, 84.5226



18.2846, 18.0972, 20.1161



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.



59.0330, 51.7525, 59.1031



67.7667, 56.6955, 65.0858



58.3014, 54.0067, 47.3989



15.2937, 15.1454, 16.8322



20.0623, 10.2276, 6.1294



1.6203, 0.8211, 0.7179

Inverse Universe

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



59.0330, 51.7525, 59.1031



67.7667, 56.6955, 65.0858



59.5049, 69.3333, 88.0887



15.2937, 15.1454, 16.8322



20.0623, 10.2276, 6.1294



1.6203, 0.8211, 0.7179

Previews

White Background



This preview shows how the XYZ color 59.0315, 51.7501, 59.1020 looks on a white background.

Color Contrast Check

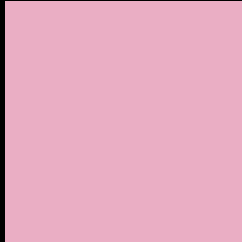
Large Text (above 18pt) WCAG AA × Fail

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 59.0315, 51.7501, 59.1020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

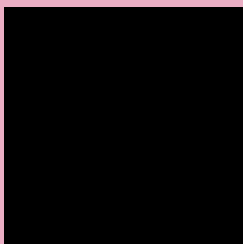
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.0315, 51.7501, 59.1020

Background



This preview shows how black text looks on a background with the XYZ color 59.0315, 51.7501, 59.1020.



This preview shows how white text looks on a background with the XYZ color 59.0315, 51.7501,

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

59.0315, 51.7501, 59.1020

Protanopia

50.6681, 52.1818, 65.1592

Deuteranopia

53.0990, 52.0029, 58.2779



Tritanopia

58.1196, 51.6577, 55.0518

Trichromacy



Original Color

59.0315, 51.7501, 59.1020

Protanomaly

53.2548, 51.6671, 63.0430

Deuteranomaly

54.9895, 51.7396, 58.7182

Tritanomaly

58.4487, 51.7894, 56.7849

Monochromacy



Original Color

59.0315, 51.7501, 59.1020

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

53.9151, 53.0361, 59.0251

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0315, 51.7501, 59.1020 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(234, 174, 196)` looks like.

```
.text, #text, p{  
    color:rgb(234, 174, 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(234, 174, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 174, 196) }
```

Border

The CSS property to change the border of an element to XYZ 59.0315, 51.7501, 59.1020 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(234, 174, 196) }
```


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

```
.border{ border-color:rgb(234, 174, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 174, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 174, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 174, 196);  
box-shadow:4px 4px 4px 4px rgb(234, 174,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0315, 51.7501, 59.1020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 174, 196) }
```

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

```
.background{ background-color: rgb(234,  
174, 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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