

Converting Colors

XYZ(59.1000, 55.1586, 61.5136)

Have a look what the booklet for
XYZ(59.1000, 55.1586, 61.5136)
contains.

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Color

**XYZ(59.0218, 54.9902,
61.5362)**

Conversions

Conversions Part 1

Format	Color
Hex	E2B9C7
RGB	226, 185, 199
RGB Percent	89%, 73%, 78%
CMY	0.1137, 0.2745, 0.2196
CMYK	0.00, 0.18, 0.12, 0.11
HSL	340°, 41%, 81%
HSV	340°, 18%, 89%
XYZ	59.0218, 54.9902, 61.5362
YIQ	198.8550, 19.9420, 13.0460

Conversions

Conversions Part 2

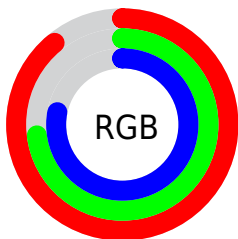
Format	Color
R _Y B	226, 185, 199
Decimal	14858695
CIE Lab	79.04, 16.94, -1.50
CIE LCh	79, 17.004, 354.934
Yxy	54.9902, 0.3362, 0.3132
Android (android.graphics.Color)	4293048775 (0xFFE2B9C7)
YUV	198.8550, 0.0715, 23.8062
Hunter-Lab	74.1554, 12.2999, 2.7083

Details

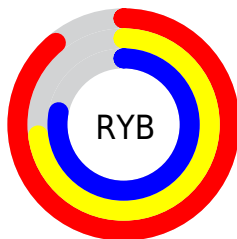
The XYZ color **59.0218, 54.9902, 61.5362** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.0898, 69.4619, 72.5838**, and the grayscale version is **54.1898, 57.0119, 62.0860**.

A 20% lighter version of the original color is **90.7453, 91.3906, 107.4651**, and **29.9397, 27.0929, 30.4395** is the 20% darker color. If you saturate the color by 10%, you get **53.0201, 45.6182, 51.4223**, and if you desaturate by 10%, it is **65.9471, 65.9377, 72.7933**.

Distribution



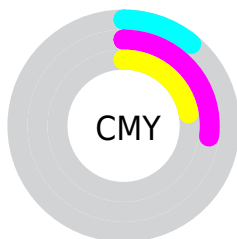
- Red (89%)
- Green (73%)
- Blue (78%)



- Red (89%)
- Yellow (73%)
- Blue (78%)



- Cyan (0%)
- Magenta (18%)
- Yellow (12%)
- Black (11%)





- Cyan (11%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.0218, 54.9902, 61.5362 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 59.0218, 54.9902, 61.5362 by changing the saturation by 10% instead.


 59.0218, 54.9902,
61.5362

 59.0218, 54.9902,
61.5362


410.8755,
405.8748, 448.1982

 42.8771, 39.3939,
44.2247


 102.5238, 97.5266,
108.6200

 29.9828, 27.0663,
30.5087


130.6118,
125.2355, 139.2294

 19.9735, 17.6230,
19.9697


163.4116,
157.7506, 175.1084

 12.4840, 10.6797,
12.1892

201.2886,
195.4565, 216.6758

 7.1487, 5.8519,
6.7485

244.6082,
238.7374, 264.3498

 3.6024, 2.7552,
3.2293

293.7356,

 1.4798, 1.0053,

287.9779, 318.5492

1.2129

349.0362,
343.5622, 379.6925

■ 0.3120, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.0218, 54.9902,
61.5362

■ 59.0218, 54.9902,
61.5362

■ 53.0201, 45.6182,
51.4223

■ 65.9471, 65.9377,
72.7933

■ 47.8972, 37.7415,
42.4110

■ 73.8292, 78.5213,
85.2255

■ 43.6113, 31.2840,
34.4638

■ 82.7050, 92.8075,
98.8678

■ 40.1152, 26.1600,
27.5391

■ 85.1743, 94.9089,
108.4378

■ 37.3568, 22.2742,
21.5918

■ 35.2775, 19.5187,
16.5730

■ 33.8087, 17.7666,
12.4287

■ 32.8552, 16.8383,
9.0935

■ 32.7094, 16.7069,
8.5510

Harmonies

Analogous

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



57.7771, 54.9902, 71.2359



59.0218, 54.9902, 61.5362



58.3937, 54.9902, 52.3552

Triad

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



59.0218, 54.9902, 61.5362



49.5703, 54.9902, 44.5122



48.6155, 54.9902, 76.4652

Complementary

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



59.0218, 54.9902, 61.5362



59.0898, 69.4619, 72.5838

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.



46.5837, 54.9902, 68.0824



59.0218, 54.9902, 61.5362



47.1180, 54.9902, 49.7912

Square

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



59.0218, 54.9902, 61.5362



52.8434, 54.9902, 43.1601



46.0474, 54.9902, 58.2439



51.6939, 54.9902, 80.4288

Rectangle

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



59.0218, 54.9902, 61.5362



57.0111, 54.9902, 47.6504



46.0474, 54.9902, 58.2439



47.7928, 54.9902, 74.0296

Sweetspot

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



59.0234, 54.9927, 61.5374



89.7939, 91.6041, 100.6234



58.1290, 54.1367, 79.3379



19.0670, 19.3640, 21.2954



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.



59.0234, 54.9927, 61.5374



74.3022, 67.1255, 75.4061



58.7864, 57.0010, 53.8058



13.8994, 13.7774, 15.2403



18.7106, 9.5513, 5.1420



1.3379, 0.6784, 0.5721

Inverse Universe

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



59.0234, 54.9927, 61.5374



74.3022, 67.1255, 75.4061



59.2907, 66.9145, 81.7430



13.8994, 13.7774, 15.2403



18.7106, 9.5513, 5.1420



1.3379, 0.6784, 0.5721

Previews

White Background



This preview shows how the XYZ color 59.0218, 54.9902, 61.5362 looks on a white background.

Color Contrast Check

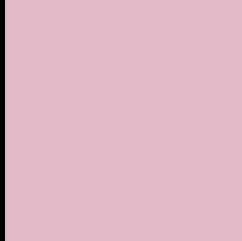
Large Text (above 18pt) WCAG AA × Fail

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 59.0218, 54.9902, 61.5362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

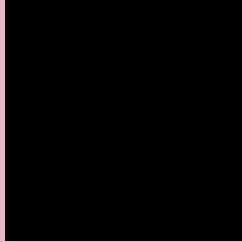
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.0218, 54.9902, 61.5362

Background



This preview shows how black text looks on a background with the XYZ color 59.0218, 54.9902, 61.5362.



This preview shows how white text looks on a background with the XYZ color 59.0218, 54.9902,

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

59.0218, 54.9902, 61.5362

Protanopia

53.5605, 55.3083, 65.6102

Deuteranopia

56.3381, 55.2003, 61.1115



Tritanopia

59.0218, 54.9902, 61.5362

Trichromacy



Original Color

59.0218, 54.9902, 61.5362

Protanomaly

55.4227, 54.9833, 64.1917

Deuteranomaly

57.0897, 54.9491, 61.0234

Tritanomaly

59.0218, 54.9902, 61.5362

Monochromacy



Original Color

59.0218, 54.9902, 61.5362

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.8951, 56.2624, 61.9466

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0218, 54.9902, 61.5362 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(226, 185, 199)` looks like.

```
.text, #text, p{  
    color:rgb(226, 185, 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(226, 185, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 185, 199) }
```

Border

The CSS property to change the border of an element to XYZ 59.0218, 54.9902, 61.5362 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(226, 185, 199) }
```


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

```
.border{ border-color:rgb(226, 185, 199) }
```

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

Here you see how a box with a 4 pixel rgb(226, 185, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 185, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 185, 199);  
box-shadow:4px 4px 4px 4px rgb(226, 185,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0218, 54.9902, 61.5362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 185, 199) }
```

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

```
.background{ background-color: rgb(226,  
185, 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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