

Converting Colors

XYZ(59.5751, 54.9897, 59.0725)

Have a look what the booklet for
XYZ(59.5751, 54.9897, 59.0725)
contains.

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Color

**XYZ(59.6239, 55.0441,
59.1118)**

Conversions

Conversions Part 1

Format	Color
Hex	E6B8C3
RGB	230, 184, 195
RGB Percent	90%, 72%, 76%
CMY	0.0980, 0.2784, 0.2353
CMYK	0.00, 0.20, 0.15, 0.10
HSL	346°, 48%, 81%
HSV	346°, 20%, 90%
XYZ	59.6239, 55.0441, 59.1118
YIQ	199.0080, 23.8850, 13.1730

Conversions

Conversions Part 2

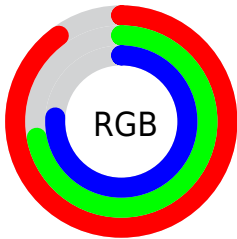
Format	Color
R _Y B	230, 184, 195
Decimal	15120579
CIE Lab	79.07, 18.25, 0.75
CIE LCh	79, 18.265, 2.362
Yxy	55.0441, 0.3431, 0.3167
Android (android.graphics.Color)	4293310659 (0xFFE6B8C3)
YUV	199.0080, -1.9759, 27.1800
Hunter-Lab	74.1917, 13.6154, 4.6952

Details

The XYZ color **59.6239, 55.0441, 59.1118** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **60.8523, 71.8997, 77.6920**, and the grayscale version is **54.2937, 57.1212, 62.2050**.

A 20% lighter version of the original color is **89.9708, 90.6085, 104.8427**, and **30.3796, 27.1544, 28.8394** is the 20% darker color. If you saturate the color by 10%, you get **53.3649, 45.5091, 47.8280**, and if you desaturate by 10%, it is **66.8947, 66.2304, 71.8785**.

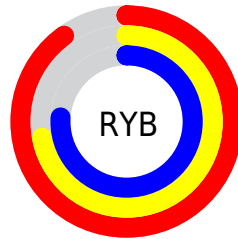
Distribution



Red (90%)

Green (72%)

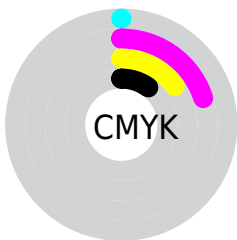
Blue (76%)



Red (90%)

Yellow (72%)

Blue (76%)

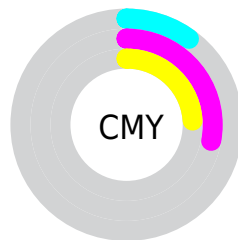


Cyan (0%)

Magenta (20%)

Yellow (15%)

Black (10%)



Cyan (10%)


Magenta (28%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.6239, 55.0441, 59.1118 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 59.6239, 55.0441, 59.1118 by changing the saturation by 10% instead.


 59.6239, 55.0441,
59.1118

 59.6239, 55.0441,
59.1118

413.0671,
406.0791, 439.0295

 43.3639, 39.4370,
42.2825


 103.3933, 97.6056,
105.0709

 30.3665, 27.0999,
28.9954


131.6335,
125.3288, 135.0377

 20.2664, 17.6482,
18.8318


164.5977,
157.8594, 170.2208

 12.6982, 10.6977,
11.3732

202.6513,
195.5820, 211.0388

 7.2966, 5.8640,
6.2011

246.1597,
238.8809, 257.9101

 3.6963, 2.7625,
2.8970

295.4882,

 1.5318, 1.0091,

288.1404, 311.2533

1.0423

351.0022,
343.7450, 371.4869

■ 0.3473, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.6239, 55.0441,
59.1118

■ 59.6239, 55.0441,
59.1118

■ 53.3649, 45.5091,
47.8280

■ 66.8947, 66.2304,
71.8785

■ 48.0676, 37.5396,
37.9692

■ 75.2153, 79.1333,
86.1762

■ 43.6845, 31.0537,
29.4786

■ 84.6272, 93.8240,
102.0552

■ 40.1623, 25.9588,
22.2941

■ 86.4433, 95.5631,
108.4972

■ 37.4416, 22.1519,
16.3487

■ 35.4556, 19.5155,
11.5691

■ 34.1256, 17.9104,
7.8734

■ 33.3227, 17.0989,
5.1571

■ 33.3225, 17.0988,
5.1566

Harmonies

Analogous

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



58.7636, 55.0441, 69.7171



59.6239, 55.0441, 59.1118



58.4526, 55.0441, 49.8359

Triad

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



59.6239, 55.0441, 59.1118



48.6616, 55.0441, 44.5523



49.1390, 55.0441, 79.4938

Complementary

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



59.6239, 55.0441, 59.1118



60.8523, 71.8997, 77.6920

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.



46.6279, 55.0441, 71.3108



59.6239, 55.0441, 59.1118



46.3615, 55.0441, 51.1112

Square

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



59.6239, 55.0441, 59.1118



52.0300, 55.0441, 42.0606



45.6343, 55.0441, 60.7631



52.6066, 55.0441, 82.2648

Rectangle

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



59.6239, 55.0441, 59.1118



56.7075, 55.0441, 45.4262



45.6343, 55.0441, 60.7631



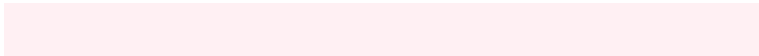
48.1606, 55.0441, 77.2414

Sweetspot

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



59.6254, 55.0466, 59.1130



88.5436, 89.8964, 97.7625



60.4884, 54.9794, 82.2874



18.8068, 19.0166, 20.6750



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.



59.6254, 55.0466, 59.1130



71.9255, 64.3299, 68.5787



60.9139, 59.5406, 53.6325



14.5175, 14.4242, 15.6596



18.9051, 9.6963, 3.1293



1.4328, 0.7308, 0.4196

Inverse Universe

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



59.6254, 55.0466, 59.1130



71.9255, 64.3299, 68.5787



59.2533, 66.3077, 84.5391



14.5175, 14.4242, 15.6596



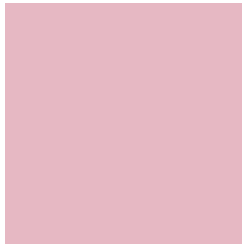
18.9051, 9.6963, 3.1293



1.4328, 0.7308, 0.4196

Previews

White Background



This preview shows how the XYZ color 59.6239, 55.0441, 59.1118 looks on a white background.

Color Contrast Check

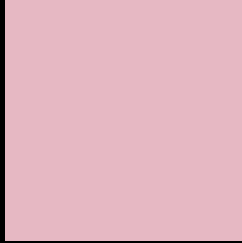
Large Text (above 18pt) WCAG AA × Fail

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 59.6239, 55.0441, 59.1118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

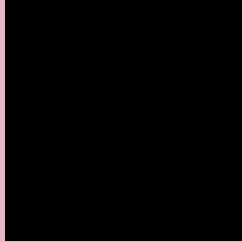
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.6239, 55.0441, 59.1118

Background



This preview shows how black text looks on a background with the XYZ color 59.6239, 55.0441, 59.1118.



This preview shows how white text looks on a background with the XYZ color 59.6239, 55.0441,

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

59.6239, 55.0441, 59.1118

Protanopia

53.3464, 55.2530, 63.1116

Deuteranopia

56.4700, 55.3209, 58.7406



Tritanopia

59.9667, 55.1812, 60.9165

Trichromacy



Original Color

59.6239, 55.0441, 59.1118

Protanomaly

55.5179, 55.0868, 61.7395

Deuteranomaly

57.5396, 55.2336, 58.6674

Tritanomaly

59.8517, 55.1352, 60.3110

Monochromacy



Original Color

59.6239, 55.0441, 59.1118

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

56.0632, 56.3624, 61.3503

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6239, 55.0441, 59.1118 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(230, 184, 195)` looks like.

```
.text, #text, p{  
    color:rgb(230, 184, 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(230, 184, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 184, 195) }
```

Border

The CSS property to change the border of an element to XYZ 59.6239, 55.0441, 59.1118 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(230, 184, 195) }
```


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

```
.border{ border-color:rgb(230, 184, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 184, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 184, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 184, 195);  
box-shadow:4px 4px 4px 4px rgb(230, 184,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6239, 55.0441, 59.1118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 184, 195) }
```

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

```
.background{ background-color: rgb(230,  
184, 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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