

Converting Colors

XYZ(58.9701, 54.6730, 60.6410)

Have a look what the booklet for
XYZ(58.9701, 54.6730, 60.6410)
contains.

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Color

**XYZ(59.0121, 54.6891,
60.8719)**

Conversions

Conversions Part 1

Format	Color
Hex	E3B8C6
RGB	227, 184, 198
RGB Percent	89%, 72%, 78%
CMY	0.1098, 0.2784, 0.2235
CMYK	0.00, 0.19, 0.13, 0.11
HSL	340°, 43%, 81%
HSV	340°, 19%, 89%
XYZ	59.0121, 54.6891, 60.8719
YIQ	198.4530, 21.1340, 13.4700

Conversions

Conversions Part 2

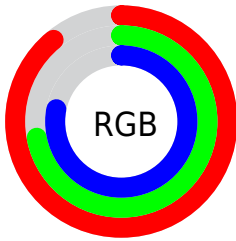
Format	Color
R _Y B	227, 184, 198
Decimal	14923974
CIE Lab	78.86, 17.66, -1.20
CIE LCh	79, 17.705, 356.101
Yxy	54.6891, 0.3380, 0.3133
Android (android.graphics.Color)	4293114054 (0xFFE3B8C6)
YUV	198.4530, -0.2233, 25.0357
Hunter-Lab	73.9521, 13.0229, 2.9633

Details

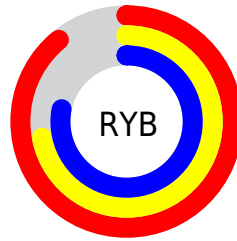
The XYZ color **59.0121, 54.6891, 60.8719** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.2487, 69.9340, 73.3300**, and the grayscale version is **53.9458, 56.7551, 61.8063**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **29.9449, 26.9041, 30.0003** is the 20% darker color. If you saturate the color by 10%, you get **52.9922, 45.3337, 50.5883**, and if you desaturate by 10%, it is **65.9703, 65.6341, 72.3503**.

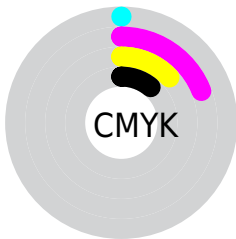
Distribution



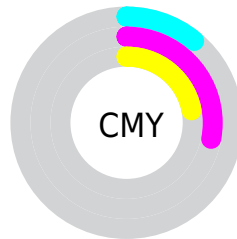
- Red (89%)
- Green (72%)
- Blue (78%)



- Red (89%)
- Yellow (72%)
- Blue (78%)



- Cyan (0%)
- Magenta (19%)
- Yellow (13%)
- Black (11%)





- Cyan (11%)
- Magenta (28%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.0121, 54.6891, 60.8719 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 59.0121, 54.6891, 60.8719 by changing the saturation by 10% instead.


 59.0121, 54.6891,
60.8719

 59.0121, 54.6891,
60.8719

410.8401,
404.7323, 445.6977

 42.8693, 39.1529,
43.6919


 102.5098, 97.0853,
107.6492

 29.9766, 26.8787,
30.0930


130.5953,
124.7140, 138.0835

 19.9688, 17.4821,
19.6565


163.3925,
157.1424, 173.7731

 12.4805, 10.5788,
11.9640

201.2667,
194.7548, 215.1363

 7.1463, 5.7844,
6.5969

244.5831,
237.9356, 262.5919

 3.6009, 2.7144,
3.1367

293.7073,

 1.4789, 0.9845,

287.0692, 316.5583

1.1649

349.0045,
342.5399, 377.4541

■ 0.3114, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.0121, 54.6891,
60.8719

■ 59.0121, 54.6891,
60.8719

■ 52.9922, 45.3337,
50.5883

■ 65.9703, 65.6341,
72.3503

■ 47.8646, 37.4863,
41.4564

■ 73.9007, 78.2305,
85.0579

■ 43.5865, 31.0692,
33.4351

■ 82.8415, 92.5459,
99.0320

■ 40.1092, 25.9950,
26.4797

■ 85.4888, 95.0710,
108.4525

■ 37.3794, 22.1663,
20.5418

■ 35.3365, 19.4725,
15.5691

■ 33.9095, 17.7831,
11.5035

■ 32.9927, 16.8983,
8.2723

■ 32.9113, 16.8240,
7.9725

Harmonies

Analogous

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



57.7886, 54.6891, 70.9968



59.0121, 54.6891, 60.8719



58.2828, 54.6891, 51.4383

Triad

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



59.0121, 54.6891, 60.8719



49.0660, 54.6891, 43.8148



48.3046, 54.6891, 77.0831

Complementary

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



59.0121, 54.6891, 60.8719



59.2487, 69.9340, 73.3300

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.



46.1495, 54.6891, 68.4663



59.0121, 54.6891, 60.8719



46.5749, 54.6891, 49.3998

Square

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



59.0121, 54.6891, 60.8719



52.4409, 54.6891, 42.2628



45.5306, 54.6891, 58.2417



51.5225, 54.6891, 80.9987

Rectangle

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



59.0121, 54.6891, 60.8719



56.8042, 54.6891, 46.6718



45.5306, 54.6891, 58.2417



47.4376, 54.6891, 74.5962

Sweetspot

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



59.0136, 54.6916, 60.8730



88.7445, 89.9768, 98.8206



58.3515, 53.9260, 80.0070



18.8541, 19.0355, 20.9245



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.



59.0136, 54.6916, 60.8730



73.3816, 65.8270, 73.4262



58.9993, 57.1283, 53.2677



14.5694, 14.4450, 15.9330



19.2414, 9.8308, 4.9005



1.4633, 0.7430, 0.5804

Inverse Universe

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



59.0136, 54.6916, 60.8730



73.3816, 65.8270, 73.4262



59.1836, 66.8369, 82.4552



14.5694, 14.4450, 15.9330



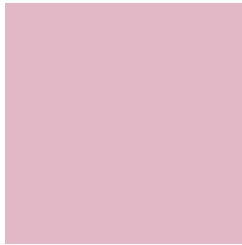
19.2414, 9.8308, 4.9005



1.4633, 0.7430, 0.5804

Previews

White Background



This preview shows how the XYZ color 59.0121, 54.6891, 60.8719 looks on a white background.

Color Contrast Check

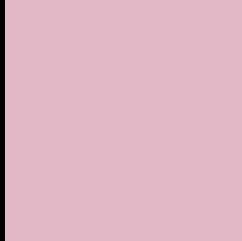
Large Text (above 18pt) WCAG AA × Fail

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 59.0121, 54.6891, 60.8719 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 59.0121, 54.6891, 60.8719

Background



This preview shows how black text looks on a background with the XYZ color 59.0121, 54.6891, 60.8719.



This preview shows how white text looks on a background with the XYZ color 59.0121, 54.6891,

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

59.0121, 54.6891, 60.8719

Protanopia

52.9558, 54.6790, 64.8898

Deuteranopia

55.7162, 54.5725, 60.4203



Tritanopia

59.0121, 54.6891, 60.8719

Trichromacy



Original Color

59.0121, 54.6891, 60.8719

Protanomaly

54.8063, 54.3566, 63.4804

Deuteranomaly

56.7618, 54.4773, 60.3468

Tritanomaly

59.0121, 54.6891, 60.8719

Monochromacy



Original Color

59.0121, 54.6891, 60.8719

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.5575, 55.7725, 61.2630

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0121, 54.6891, 60.8719 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(227, 184, 198)` looks like.

```
.text, #text, p{  
    color:rgb(227, 184, 198)  
}
```

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(227, 184, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 184, 198) }
```

Border

The CSS property to change the border of an element to XYZ 59.0121, 54.6891, 60.8719 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(227, 184, 198) }
```


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

```
.border{ border-color:rgb(227, 184, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 184, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 184, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 184, 198);  
box-shadow:4px 4px 4px 4px rgb(227, 184,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0121, 54.6891, 60.8719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 184, 198) }
```

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

```
.background{ background-color: rgb(227,  
184, 198) }
```

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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