

Converting Colors

XYZ(59.0560, 53.9022, 63.6358)

Have a look what the booklet for
XYZ(59.0560, 53.9022, 63.6358)
contains.

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Color

**XYZ(59.1860, 54.0986,
63.8225)**

Conversions

Conversions Part 1

Format	Color
Hex	E3B6CB
RGB	227, 182, 203
RGB Percent	89%, 71%, 80%
CMY	0.1098, 0.2863, 0.2039
CMYK	0.00, 0.20, 0.11, 0.11
HSL	332°, 45%, 80%
HSV	332°, 20%, 89%
XYZ	59.1860, 54.0986, 63.8225
YIQ	197.8490, 20.0790, 16.0710

Conversions

Conversions Part 2

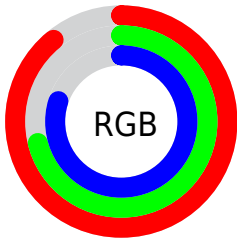
Format	Color
R _Y B	227, 182, 203
Decimal	14923467
CIE Lab	78.52, 19.56, -4.41
CIE LCh	79, 20.051, 347.280
Yxy	54.0986, 0.3342, 0.3055
Android (android.graphics.Color)	4293113547 (0xFFE3B6CB)
YUV	197.8490, 2.5394, 25.5654
Hunter-Lab	73.5518, 14.9207, 0.0390

Details

The XYZ color **59.1860, 54.0986, 63.8225** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **57.9033, 69.3409, 68.7282**, and the grayscale version is **53.5627, 56.3521, 61.3674**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **30.0697, 26.5284, 31.9694** is the 20% darker color. If you saturate the color by 10%, you get **53.5218, 44.9894, 55.0916**, and if you desaturate by 10%, it is **65.7196, 64.7648, 73.4005**.

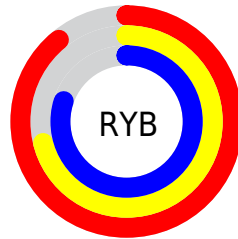
Distribution



Red (89%)

Green (71%)

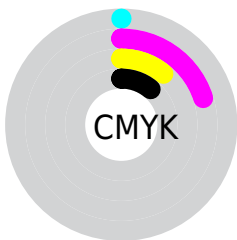
Blue (80%)



Red (89%)

Yellow (71%)

Blue (80%)

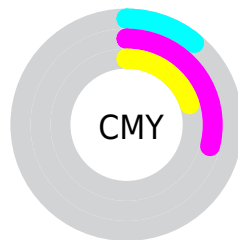


Cyan (0%)

Magenta (20%)

Yellow (11%)

Black (11%)



Cyan (11%)

Magenta (29%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.1860, 54.0986, 63.8225 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 59.1860, 54.0986, 63.8225 by changing the saturation by 10% instead.

■ 59.1860, 54.0986,
63.8225

■ 59.1860, 54.0986,
63.8225

411.4738,
402.4859, 456.7382

■ 43.0098, 38.6805,
46.0617

■ 102.7610, 96.2190,
111.9523

■ 30.0874, 26.5113,
31.9455

130.8906,
123.6901, 143.1583

■ 20.0533, 17.2065,
21.0554

163.7353,
155.9476, 179.6831

■ 12.5423, 10.3818,
12.9728

201.6605,
193.3760, 221.9453

■ 7.1889, 5.6529,
7.2793

245.0317,
236.3596, 270.3633

■ 3.6279, 2.6352,
3.5563

294.2140,

■ 1.4939, 0.9444,

285.2829, 325.3558

1.3852

349.5730,
340.5302, 387.3413

■ 0.3217, 0.0000,
0.1302

■ 0.0000, 0.0000,
0.0000

■ 59.1860, 54.0986,
63.8225

■ 59.1860, 54.0986,
63.8225

■ 53.5218, 44.9894,
55.0916

■ 65.7196, 64.7648,
73.4005

■ 48.6835, 37.3563,
47.1787

■ 73.1541, 77.0494,
83.8464

■ 44.6308, 31.1224,
40.0581

■ 81.5253, 91.0192,
95.1847

■ 41.3178, 26.2005,
33.7008

■ 84.9197, 94.8434,
105.4555

■ 38.6939, 22.4935,
28.0757

■ 85.4889, 95.0711,
108.4525

■ 36.7013, 19.8911,
23.1489

■ 35.2720, 18.2619,
18.8822

■ 34.2920, 17.3833,
15.2214

■ 34.2764, 17.3701,
15.1608

Harmonies

Analogous

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



57.2009, 54.0986, 74.9204



59.1860, 54.0986, 63.8225



59.0144, 54.0986, 52.6788

Triad

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



59.1860, 54.0986, 63.8225



49.1967, 54.0986, 40.4863



46.4386, 54.0986, 76.3658

Complementary

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



59.1860, 54.0986, 63.8225



57.9033, 69.3409, 68.7282

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.



44.5051, 54.0986, 65.6017



59.1860, 54.0986, 63.8225



46.0407, 54.0986, 45.3505

Square

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



59.1860, 54.0986, 63.8225



53.1089, 54.0986, 40.1386



44.3633, 54.0986, 54.2453



49.7655, 54.0986, 82.7609

Rectangle

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



59.1860, 54.0986, 63.8225



57.6996, 54.0986, 46.6914



44.3633, 54.0986, 54.2453



45.6117, 54.0986, 73.0800

Sweetspot

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



59.1876, 54.1010, 63.8236



89.0755, 90.1092, 100.5637



56.0488, 52.1265, 79.7811



18.9323, 19.0668, 21.3359



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.



59.1876, 54.1010, 63.8236



73.7200, 65.0477, 78.0284



57.1608, 53.7845, 51.6276



14.6554, 14.4794, 16.3860



20.0476, 10.1533, 9.1458



1.5280, 0.7689, 0.9210

Inverse Universe

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



59.1876, 54.1010, 63.8236



73.7200, 65.0477, 78.0284



60.2188, 69.6136, 82.9367



14.6554, 14.4794, 16.3860



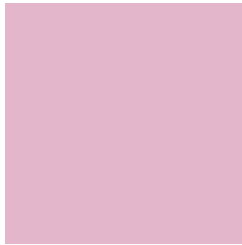
20.0476, 10.1533, 9.1458



1.5280, 0.7689, 0.9210

Previews

White Background



This preview shows how the XYZ color 59.1860, 54.0986, 63.8225 looks on a white background.

Color Contrast Check

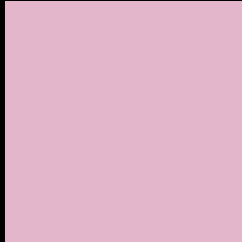
Large Text (above 18pt) WCAG AA × Fail

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 59.1860, 54.0986, 63.8225 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 59.1860, 54.0986, 63.8225

Background



This preview shows how black text looks on a background with the XYZ color 59.1860, 54.0986, 63.8225.



This preview shows how white text looks on a background with the XYZ color 59.1860, 54.0986,

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

59.1860, 54.0986, 63.8225

Protanopia

52.9510, 54.2624, 68.6556

Deuteranopia

55.4366, 54.3611, 63.4480



Tritanopia

58.3756, 54.0669, 60.1826

Trichromacy



Original Color

59.1860, 54.0986, 63.8225

Protanomaly

54.9137, 54.0220, 66.5645

Deuteranomaly

56.5385, 53.9810, 63.3166

Tritanomaly

58.6063, 54.1592, 61.3977

Monochromacy



Original Color

59.1860, 54.0986, 63.8225

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.5695, 55.4247, 62.4128

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1860, 54.0986, 63.8225 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, 182, 203)` looks like.

```
.text, #text, p{  
    color:rgb(227, 182, 203)  
}
```

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, 182, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 182, 203) }
```

Border

The CSS property to change the border of an element to XYZ 59.1860, 54.0986, 63.8225 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, 182, 203) }
```


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

```
.border{ border-color:rgb(227, 182, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 182, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 182, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 182, 203);  
box-shadow:4px 4px 4px 4px rgb(227, 182,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1860, 54.0986, 63.8225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 182, 203) }
```

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

```
.background{ background-color: rgb(227,  
182, 203) }
```

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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