

Converting Colors

XYZ(61.4206, 59.1559, 63.8747)

Have a look what the booklet for
XYZ(61.4206, 59.1559, 63.8747)
contains.

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Color

**XYZ(61.3165, 59.0166,
64.0367)**

Conversions

Conversions Part 1

Format	Color
Hex	E2C2CA
RGB	226, 194, 202
RGB Percent	89%, 76%, 79%
CMY	0.1137, 0.2392, 0.2078
CMYK	0.00, 0.14, 0.11, 0.11
HSL	345°, 36%, 82%
HSV	345°, 14%, 89%
XYZ	61.3165, 59.0166, 64.0367
YIQ	204.4800, 16.5040, 9.2720

Conversions

Conversions Part 2

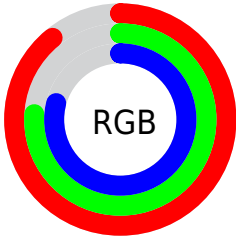
Format	Color
R _Y B	226, 194, 202
Decimal	14861002
CIE Lab	81.30, 12.63, 0.19
CIE LCh	81, 12.634, 0.879
Yxy	59.0166, 0.3326, 0.3201
Android (android.graphics.Color)	4293051082 (0xFFE2C2CA)
YUV	204.4800, -1.2226, 18.8730
Hunter-Lab	76.8223, 8.0327, 4.3532

Details

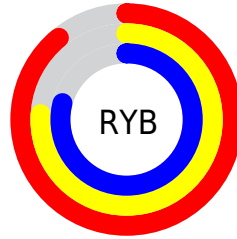
The XYZ color **61.3165, 59.0166, 64.0367** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.1017, 70.9255, 76.7501**, and the grayscale version is **57.6998, 60.7047, 66.1074**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **31.3009, 29.4403, 32.0498** is the 20% darker color. If you saturate the color by 10%, you get **54.7661, 48.9529, 52.4885**, and if you desaturate by 10%, it is **68.8557, 70.7035, 77.0038**.

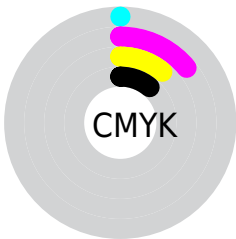
Distribution



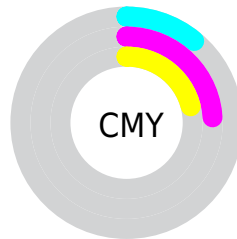
- Red (89%)
- Green (76%)
- Blue (79%)



- Red (89%)
- Yellow (76%)
- Blue (79%)



- Cyan (0%)
- Magenta (14%)
- Yellow (11%)
- Black (11%)



- Cyan (11%)
- Magenta (24%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.3165, 59.0166, 64.0367 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 61.3165, 59.0166, 64.0367 by changing the saturation by 10% instead.

61.3165, 59.0166,
64.0367

61.3165, 59.0166,
64.0367

419.1909,
420.9634, 457.5333

44.7342, 42.6265,
46.2340

105.8326,
103.4018, 112.2638

31.4485, 29.5922,
32.0805

134.4970,
132.1657, 143.5252

21.0941, 19.5292,
21.1577

167.9196,
165.8229, 180.1101

13.3056, 12.0533,
13.0470

206.4656,
204.7579, 222.4368

7.7178, 6.7800,
7.3298

250.5003,
249.3550, 270.9239

3.9652, 3.3249,
3.5876

300.3892,

1.6825, 1.3036,

299.9988, 325.9900

1.4020

356.4976,
357.0734, 388.0536

■ 0.4453, 0.1440,
0.1432

■ 0.0000, 0.0000,
0.0000

■ 61.3165, 59.0166,
64.0367

■ 61.3165, 59.0166,
64.0367

■ 54.7661, 48.9529,
52.4885

■ 68.8557, 70.7035,
77.0038

■ 49.1579, 40.4330,
42.3066

■ 77.4177, 84.0730,
91.4324

■ 44.4491, 33.3822,
33.4405

■ 84.8313, 94.7717,
106.6315

■ 40.5915, 27.7168,
25.8352

■ 85.1744, 94.9089,
108.4378

■ 37.5322, 23.3445,
19.4316

■ 35.2121, 20.1617,
14.1655

■ 33.5637, 18.0486,
9.9665

■ 32.5056, 16.8599,
6.7548

■ 32.0899, 16.4592,
5.2887

Harmonies

Analogous

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



60.6396, 59.0166, 71.5867



61.3165, 59.0166, 64.0367



60.5578, 59.0166, 57.0922

Triad

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



61.3165, 59.0166, 64.0367



53.5318, 59.0166, 52.5866



53.6624, 59.0166, 77.7948

Complementary

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



61.3165, 59.0166, 64.0367



62.1017, 70.9255, 76.7501

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.



51.8542, 59.0166, 72.0018



61.3165, 59.0166, 64.0367



51.7805, 59.0166, 57.4493

Square

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



61.3165, 59.0166, 64.0367



56.0158, 59.0166, 50.8081



51.1759, 59.0166, 64.4819



56.1713, 59.0166, 79.8962

Rectangle

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



61.3165, 59.0166, 64.0367



59.3533, 59.0166, 53.6409



51.1759, 59.0166, 64.4819



52.9553, 59.0166, 76.1934

Sweetspot

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



61.3182, 59.0192, 64.0380



90.6744, 93.1808, 101.4850



61.9347, 58.9828, 80.0728



19.2372, 19.6787, 21.4310



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.



61.3182, 59.0192, 64.0380



77.9458, 73.4721, 79.5208



62.2241, 62.3073, 59.7891



13.8470, 13.7564, 14.9647



18.3473, 9.4059, 3.2285



1.3073, 0.6662, 0.4110

Inverse Universe

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



61.3182, 59.0192, 64.0380



77.9458, 73.4721, 79.5208



61.0491, 67.1050, 81.6872



13.8470, 13.7564, 14.9647



18.3473, 9.4059, 3.2285



1.3073, 0.6662, 0.4110

Previews

White Background



This preview shows how the XYZ color 61.3165, 59.0166, 64.0367 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 61.3165, 59.0166, 64.0367 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 61.3165, 59.0166, 64.0367

Background



This preview shows how black text looks on a background with the XYZ color 61.3165, 59.0166, 64.0367.



This preview shows how white text looks on a background with the XYZ color 61.3165, 59.0166,

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

61.3165, 59.0166, 64.0367

Protanopia

56.9291, 59.0669, 66.7931

Deuteranopia

60.5248, 59.2737, 64.1281



Tritanopia

62.1337, 59.0249, 67.7927

Trichromacy



Original Color

61.3165, 59.0166, 64.0367

Protanomaly

58.3649, 58.7930, 66.0296

Deuteranomaly

60.6072, 58.9825, 64.0675

Tritanomaly

61.8891, 58.9271, 66.5047

Monochromacy



Original Color

61.3165, 59.0166, 64.0367

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

58.5851, 59.6174, 64.9195

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3165, 59.0166, 64.0367 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, 194, 202)` looks like.

```
.text, #text, p{  
    color:rgb(226, 194, 202)  
}
```

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, 194, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 194, 202) }
```

Border

The CSS property to change the border of an element to XYZ 61.3165, 59.0166, 64.0367 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, 194, 202) }
```


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

```
.border{ border-color:rgb(226, 194, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 194, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 194, 202); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 194, 202); box-shadow:4px 4px 4px 4px rgb(226, 194, 202) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3165, 59.0166, 64.0367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 194, 202) }
```

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

```
.background{ background-color: rgb(226,  
194, 202) }
```

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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