

Converting Colors

XYZ(63.3708, 59.5823, 58.0829)

Have a look what the booklet for
XYZ(63.3708, 59.5823, 58.0829)
contains.

XYZ(63.2891, 59.5096, 58.0200)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(63.2891, 59.5096,
58.0200)**

Conversions

Conversions Part 1

Format	Color
Hex	EDC0C0
RGB	237, 192, 192
RGB Percent	93%, 75%, 75%
CMY	0.0706, 0.2470, 0.2471
CMYK	0.00, 0.19, 0.19, 0.07
HSL	0°, 56%, 84%
HSV	0°, 19%, 93%
XYZ	63.2891, 59.5096, 58.0200
YIQ	205.4550, 26.8200, 9.5400

Conversions

Conversions Part 2

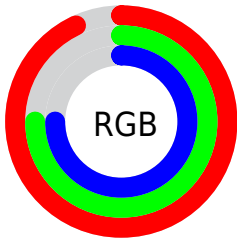
Format	Color
R _Y B	237, 192, 192
Decimal	15581376
CIE Lab	81.57, 16.05, 6.08
CIE LCh	82, 17.166, 20.748
Yxy	59.5096, 0.3500, 0.3291
Android (android.graphics.Color)	4293771456 (0xFFEDC0C0)
YUV	205.4550, -6.6333, 27.6650
Hunter-Lab	77.1425, 11.4454, 9.4068

Details

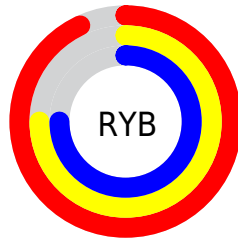
The XYZ color **63.2891, 59.5096, 58.0200** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.3078, 77.8872, 91.6074**, and the grayscale version is **58.3484, 61.3871, 66.8506**.

A 20% lighter version of the original color is **92.0590, 95.7887, 102.4440**, and **32.8047, 29.8648, 28.4616** is the 20% darker color. If you saturate the color by 10%, you get **56.0808, 48.9622, 43.6880**, and if you desaturate by 10%, it is **71.7613, 71.9070, 74.8608**.

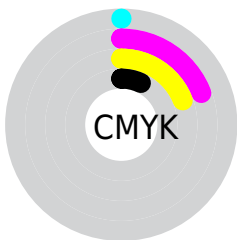
Distribution



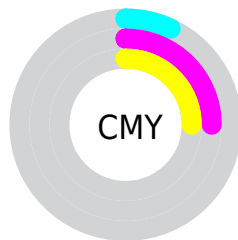
- Red (93%)
- Green (75%)
- Blue (75%)



- Red (93%)
- Yellow (75%)
- Blue (75%)



- Cyan (0%)
- Magenta (19%)
- Yellow (19%)
- Black (7%)





- Cyan (7%)
- Magenta (25%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.2891, 59.5096, 58.0200 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 63.2891, 59.5096, 58.0200 by changing the saturation by 10% instead.


 63.2891, 59.5096,
58.0200

 63.2891, 59.5096,
58.0200


426.2609,
422.7878, 434.8608

 46.3347, 43.0235,
41.4099


 108.6660,
104.1180, 103.4670

 32.7157, 29.9035,
28.3174


137.8191,
133.0090, 133.1411

 22.0669, 19.7654,
18.3239


171.7691,
166.8038, 168.0069

 14.0230, 12.2246,
11.0110

210.8815,
205.8867, 208.4829

 8.2185, 6.8968,
5.9600

255.5215,
250.6422, 254.9878

 4.2880, 3.3977,
2.7523

306.0545,

 1.8663, 1.3427,

301.4546, 307.9401

0.9696

362.8459,
358.7083, 367.7582

■ 0.5572, 0.1739,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.2891, 59.5096,
58.0200

■ 63.2891, 59.5096,
58.0200

■ 56.0808, 48.9622,
43.6880

■ 71.7613, 71.9070,
74.8608

■ 50.0713, 40.1686,
31.7414

■ 81.5487, 86.2286,
94.3184

■ 45.1971, 33.0362,
22.0519

■ 88.7352, 96.7446,
108.6045

■ 41.3869, 27.4606,
14.4776

■ 38.5612, 23.3257,
8.8607

■ 36.6296, 20.4990,
5.0213

■ 35.4849, 18.8239,
2.7463

■ 34.9647, 18.0625,
1.7125

■ 34.9255, 18.0051,
1.6346

Harmonies

Analogous

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



63.6769, 59.5096, 68.0374



63.2891, 59.5096, 58.0200



61.0584, 59.5096, 50.6178

Triad

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



63.2891, 59.5096, 58.0200



51.3666, 59.5096, 53.0384



55.4559, 59.5096, 86.4107

Complementary

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



63.2891, 59.5096, 58.0200



67.3078, 77.8872, 91.6074

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.



52.2921, 59.5096, 81.4012



63.2891, 59.5096, 58.0200



49.9980, 59.5096, 61.6589

Square

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



63.2891, 59.5096, 58.0200



54.1438, 59.5096, 47.9608



50.3295, 59.5096, 72.0797



59.0513, 59.5096, 85.1707

Rectangle

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



63.2891, 59.5096, 58.0200



58.8765, 59.5096, 47.8160



50.3295, 59.5096, 72.0797



54.3091, 59.5096, 85.3835

Sweetspot

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



63.2907, 59.5123, 58.0212



87.9959, 89.6780, 94.8763



69.0613, 61.8190, 88.4135



18.6778, 18.9652, 19.9955



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.



63.2907, 59.5123, 58.0212



71.0640, 64.9021, 61.2155



68.6134, 70.1575, 59.7954



15.0657, 15.0543, 15.6304



19.0680, 9.8302, 0.8924



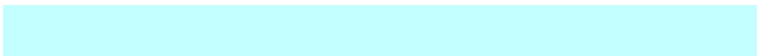
1.4973, 0.7720, 0.0701

Inverse Universe

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



67.3078, 77.8872, 91.6074



76.6642, 90.5190, 108.0390



61.1983, 65.6682, 89.5709



15.5176, 17.1216, 19.4092



24.8760, 36.3990, 49.4576



1.9534, 2.8583, 3.8836

Previews

White Background



This preview shows how the XYZ color 63.2891, 59.5096, 58.0200 looks on a white background.

Color Contrast Check

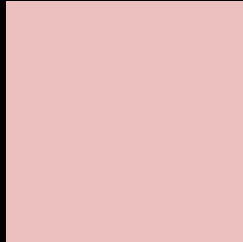
Large Text (above 18pt) WCAG AA × Fail

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 63.2891, 59.5096, 58.0200 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 63.2891, 59.5096, 58.0200

Background



This preview shows how black text looks on a background with the XYZ color 63.2891, 59.5096, 58.0200.

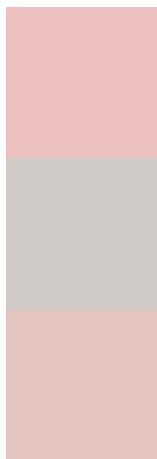


This preview shows how white text looks on a background with the XYZ color 63.2891, 59.5096,

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

63.2891, 59.5096, 58.0200

Protanopia

57.3260, 59.7282, 61.9334

Deuteranopia

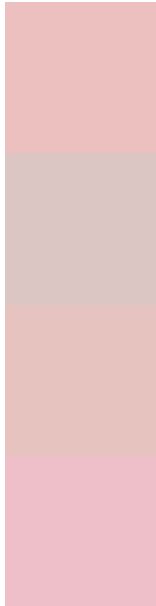
60.8225, 59.5723, 57.5831



Tritanopia

65.0295, 59.5854, 65.8313

Trichromacy



Original Color

63.2891, 59.5096, 58.0200

Protanomaly

59.3713, 59.4338, 60.5672

Deuteranomaly

61.8741, 59.7807, 57.5679

Tritanomaly

64.3160, 59.6089, 62.7594

Monochromacy



Original Color

63.2891, 59.5096, 58.0200

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

59.6949, 60.2304, 63.1230

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.2891, 59.5096, 58.0200 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(237, 192, 192)` looks like.

```
.text, #text, p{  
    color:rgb(237, 192, 192)  
}
```

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(237, 192, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 192, 192) }
```

Border

The CSS property to change the border of an element to XYZ 63.2891, 59.5096, 58.0200 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(237, 192, 192) }
```


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

```
.border{ border-color:rgb(237, 192, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 192, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 192, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 192, 192);  
box-shadow:4px 4px 4px 4px rgb(237, 192,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 63.2891, 59.5096, 58.0200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 192, 192) }
```

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

```
.background{ background-color: rgb(237,  
192, 192) }
```

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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