

Converting Colors

XYZ(59.9338, 63.6569, 58.4155)

Have a look what the booklet for
XYZ(59.9338, 63.6569, 58.4155)
contains.

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Color

**XYZ(59.9360, 63.6587,
58.4186)**

Conversions

Conversions Part 1

Format	Color
Hex	D6D1BF
RGB	214, 209, 191
RGB Percent	84%, 82%, 75%
CMY	0.1608, 0.1804, 0.2510
CMYK	0.00, 0.02, 0.11, 0.16
HSL	47°, 22%, 79%
HSV	47°, 11%, 84%
XYZ	59.9360, 63.6587, 58.4186
YIQ	208.4430, 8.7580, -4.5380

Conversions

Conversions Part 2

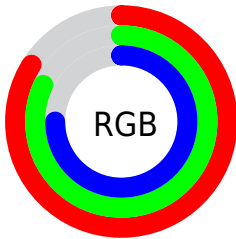
Format	Color
RYB	197, 214, 191
Decimal	14078399
CIELab	83.79, -1.35, 9.53
CIELCh	84, 9.628, 98.085
Yxy	63.6587, 0.3293, 0.3497
Android (android.graphics.Color)	4292268479 (0xFFD6D1BF)
YUV	208.4430, -8.5994, 4.8735
Hunter-Lab	79.7864, -5.5360, 12.4391

Details

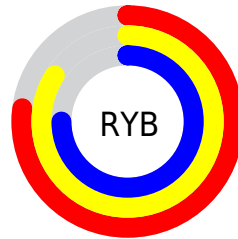
The XYZ color **59.9360, 63.6587, 58.4186** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.3632, 55.4102, 71.5016**, and the grayscale version is **60.2934, 63.4333, 69.0789**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **30.6069, 32.6486, 28.7334** is the 20% darker color. If you saturate the color by 10%, you get **56.6277, 60.5392, 46.5335**, and if you desaturate by 10%, it is **63.6252, 66.9880, 72.1299**.

Distribution



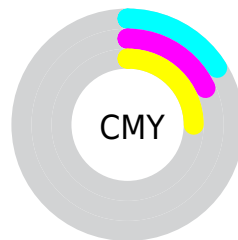
- Red (84%)
- Green (82%)
- Blue (75%)



- Red (77%)
- Yellow (84%)
- Blue (75%)



- Cyan (0%)
- Magenta (2%)
- Yellow (11%)
- Black (16%)



- Cyan (16%)
- Magenta (18%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.9360, 63.6587, 58.4186 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 59.9360, 63.6587, 58.4186 by changing the saturation by 10% instead.

■ 59.9360, 63.6587,
58.4186

■ 59.9360, 63.6587,
58.4186

414.2004,
437.9561, 436.3857

■ 43.6163, 46.3743,
41.7283

■ 103.8437,
110.1193, 104.0530

■ 30.5656, 32.5413,
28.5647

132.1624,
140.0642, 133.8342

■ 20.4185, 21.7753,
18.5090

165.2115,
174.9981, 168.8161

■ 12.8096, 13.6919,
11.1428

203.3564,
215.3054, 209.4173

■ 7.3737, 7.9067,
6.0476

246.9623,
261.3705, 256.0563

■ 3.7453, 4.0353,
2.8048

296.3947,

■ 1.5591, 1.6933,

313.5777, 309.1517

0.9958

352.0190,
372.3114, 369.1220

■ 0.3655, 0.4193,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.9360, 63.6587,
58.4186

■ 59.9360, 63.6587,
58.4186

■ 56.6277, 60.5392,
46.5335

■ 63.6252, 66.9880,
72.1299

■ 53.6800, 57.6147,
36.3921

■ 67.7043, 70.5248,
87.7369

■ 51.0784, 54.8809,
27.9118

■ 72.1561, 74.2648,
105.1393

■ 48.8053, 52.3304,
21.0015

■ 73.4147, 76.7821,
105.5588

46.8414, 49.9551,
15.5612

74.7078, 79.3682,
105.9898

45.1655, 47.7458,
11.4798

76.0354, 82.0234,
106.4324

43.7529, 45.6924,
8.6297

77.3979, 84.7485,
106.8865

42.5746, 43.7827,
6.8595

78.7956, 87.5438,
107.3524

41.6459, 42.1244,
5.9358

80.2286, 90.4099,
107.8301

Harmonies

Analogous

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



62.0350, 63.6587, 59.0681



59.9360, 63.6587, 58.4186



58.0337, 63.6587, 60.5515

Triad

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



59.9360, 63.6587, 58.4186



57.3635, 63.6587, 76.7423



64.3543, 63.6587, 73.7482

Complementary

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



59.9360, 63.6587, 58.4186



53.3632, 55.4102, 71.5016

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.



63.0469, 63.6587, 78.8825



59.9360, 63.6587, 58.4186



59.0018, 63.6587, 80.6800

Square

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



59.9360, 63.6587, 58.4186



56.5712, 63.6587, 70.9631



61.0790, 63.6587, 81.4852



64.6185, 63.6587, 67.6897

Rectangle

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



59.9360, 63.6587, 58.4186



57.1217, 63.6587, 63.3416



61.0790, 63.6587, 81.4852



64.0208, 63.6587, 75.6494

Sweetspot

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



59.9377, 63.6615, 58.4200



93.3148, 98.4614, 102.3659



56.3687, 55.5609, 60.1979



19.8759, 20.9878, 21.5461



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.



59.9377, 63.6615, 58.4200



87.9106, 93.5376, 82.4231



59.4262, 65.2460, 58.7528



13.2333, 14.0409, 13.1734



25.2513, 25.6198, 3.6142



1.5811, 1.6615, 0.2374

Inverse Universe

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



53.3632, 55.4102, 71.5016



76.1615, 78.7924, 105.8020



53.8301, 54.0059, 71.2059



11.9591, 12.4417, 15.7087



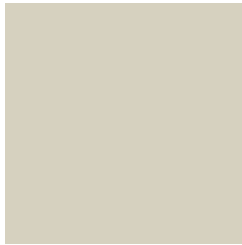
8.0014, 4.2645, 38.8546



0.5447, 0.3814, 2.3642

Previews

White Background



This preview shows how the XYZ color 59.9360, 63.6587, 58.4186 looks on a white background.

Color Contrast Check

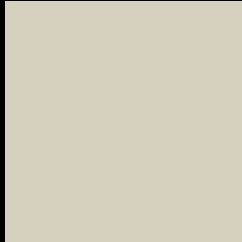
Large Text (above 18pt) WCAG AA × Fail

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 59.9360, 63.6587, 58.4186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

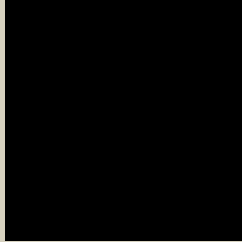
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

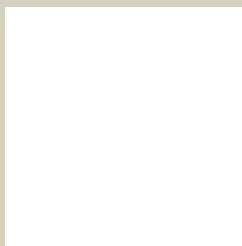
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.9360, 63.6587, 58.4186

Background



This preview shows how black text looks on a background with the XYZ color 59.9360, 63.6587, 58.4186.



This preview shows how white text looks on a background with the XYZ color 59.9360, 63.6587,

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

59.9360, 63.6587, 58.4186

Protanopia

60.5751, 63.6251, 58.3784

Deuteranopia

64.8959, 63.7090, 58.7459



Tritanopia

63.7959, 63.7885, 77.3566

Trichromacy



Original Color

59.9360, 63.6587, 58.4186

Protanomaly

60.2787, 63.4723, 58.3646

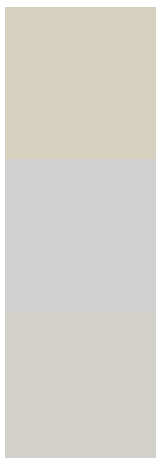
Deuteranomaly

63.0243, 63.7993, 58.8619

Tritanomaly

62.3194, 63.5475, 69.9541

Monochromacy



Original Color

59.9360, 63.6587, 58.4186

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.7949, 63.0777, 64.9008

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9360, 63.6587, 58.4186 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(214, 209, 191)` looks like.

```
.text, #text, p{  
    color:rgb(214, 209, 191)  
}
```

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(214, 209, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 209, 191) }
```

Border

The CSS property to change the border of an element to XYZ 59.9360, 63.6587, 58.4186 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(214, 209, 191) }
```


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

```
.border{ border-color:rgb(214, 209, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 209, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 209, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 209, 191);  
box-shadow:4px 4px 4px 4px rgb(214, 209,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9360, 63.6587, 58.4186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 209, 191) }
```

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

```
.background{ background-color: rgb(214,  
209, 191) }
```

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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