

Converting Colors

XYZ(59.9450, 63.2511, 60.9207)

Have a look what the booklet for
XYZ(59.9450, 63.2511, 60.9207)
contains.

XYZ(59.8468, 63.1980, 60.6739)	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(59.8468, 63.1980,
60.6739)**

Conversions

Conversions Part 1

Format	Color
Hex	D5D0C3
RGB	213, 208, 195
RGB Percent	84%, 82%, 76%
CMY	0.1647, 0.1843, 0.2353
CMYK	0.00, 0.02, 0.08, 0.16
HSL	43°, 18%, 80%
HSV	43°, 8%, 84%
XYZ	59.8468, 63.1980, 60.6739
YIQ	208.0130, 7.1530, -2.9830

Conversions

Conversions Part 2

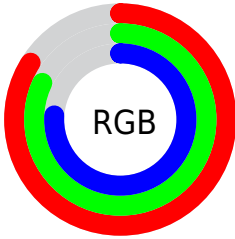
Format	Color
R _Y B	202, 213, 195
Decimal	14012611
CIE Lab	83.55, -0.53, 7.05
CIE LCh	84, 7.071, 94.273
Yxy	63.1980, 0.3258, 0.3440
Android (android.graphics.Color)	4292202691 (0xFFD5D0C3)
YUV	208.0130, -6.4154, 4.3736
Hunter-Lab	79.4972, -4.7423, 10.3967

Details

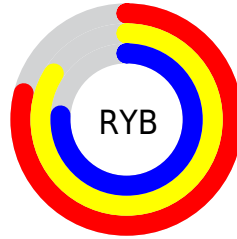
The XYZ color **59.8468, 63.1980, 60.6739** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.1702, 57.7139, 71.1837**, and the grayscale version is **60.0011, 63.1259, 68.7441**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **30.4639, 32.3034, 29.8289** is the 20% darker color. If you saturate the color by 10%, you get **56.1942, 59.4754, 48.4101**, and if you desaturate by 10%, it is **63.9003, 67.1711, 74.7678**.

Distribution



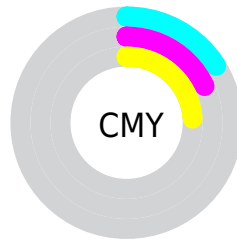
- Red (84%)
- Green (82%)
- Blue (76%)



- Red (79%)
- Yellow (84%)
- Blue (76%)



- Cyan (0%)
- Magenta (2%)
- Yellow (8%)
- Black (16%)



- Cyan (16%)
- Magenta (18%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.8468, 63.1980, 60.6739 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 59.8468, 63.1980, 60.6739 by changing the saturation by 10% instead.

■ 59.8468, 63.1980,
60.6739

■ 59.8468, 63.1980,
60.6739

413.8766,
436.2877, 444.9507

■ 43.5442, 46.0014,
43.5332

103.7150,
109.4551, 107.3595

■ 30.5087, 32.2469,
29.9692

132.0113,
139.2844, 137.7416

■ 20.3750, 21.5502,
19.5634

165.0361,
174.0934, 173.3745

■ 12.7778, 13.5268,
11.8971

203.1549,
214.2665, 214.6768

■ 7.3516, 7.7923,
6.5520

246.7330,
260.1881, 262.0670

■ 3.7312, 3.9623,
3.1094

296.1358,

■ 1.5512, 1.6525,

312.2426, 315.9637

1.1507

351.7285,
370.8143, 376.7854

■ 0.3603, 0.3926,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.8468, 63.1980,
60.6739

■ 59.8468, 63.1980,
60.6739

■ 56.1942, 59.4754,
48.4101

■ 63.9003, 67.1711,
74.7678

■ 52.9221, 55.9880,
37.8958

■ 68.3635, 71.3929,
90.7595

■ 50.0162, 52.7312,
29.0507

■ 72.6170, 75.6186,
105.3763

■ 47.4592, 49.6971,
21.7862

■ 74.2501, 78.8848,
105.9206

45.2322, 46.8772,
16.0059

75.9392, 82.2629,
106.4836

43.3141, 44.2620,
11.6024

77.6847, 85.7540,
107.0655

41.6813, 41.8412,
8.4538

79.4873, 89.3591,
107.6663

40.3060, 39.6026,
6.4170

81.2509, 92.8863,
108.2542

39.1464, 37.5283,
5.2752

Harmonies

Analogous

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



61.3662, 63.1980, 61.4305



59.8468, 63.1980, 60.6739



58.4109, 63.1980, 62.0200

Triad

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



59.8468, 63.1980, 60.6739



57.6469, 63.1980, 73.7135



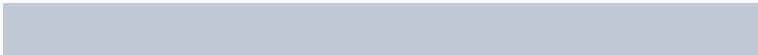
62.7831, 63.1980, 72.5703

Complementary

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



59.8468, 63.1980, 60.6739



55.1702, 57.7139, 71.1837

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.



61.7558, 63.1980, 76.0824



59.8468, 63.1980, 60.6739



58.7879, 63.1980, 76.7620

Square

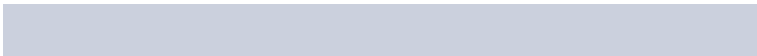
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59.8468, 63.1980, 60.6739



57.1546, 63.1980, 69.4475



60.2893, 63.1980, 77.6468



63.0783, 63.1980, 68.1801

Rectangle

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



59.8468, 63.1980, 60.6739



57.6890, 63.1980, 63.9639



60.2893, 63.1980, 77.6468



62.5111, 63.1980, 73.8988

Sweetspot

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



59.8485, 63.2008, 60.6753



93.1689, 98.1697, 102.3173



57.3935, 57.3521, 62.7508



19.8364, 20.9089, 21.5329



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.



59.8485, 63.2008, 60.6753



88.9963, 94.0320, 87.9547



59.9682, 65.0994, 61.0354



13.1679, 13.9100, 13.1516



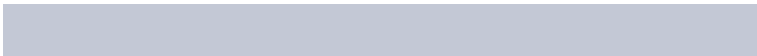
23.8981, 22.9135, 3.1632



1.5093, 1.5178, 0.2134

Inverse Universe

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



55.1702, 57.7139, 71.1837



80.6850, 84.2846, 106.6237



55.0529, 55.9637, 70.8521



12.0204, 12.5642, 15.7291



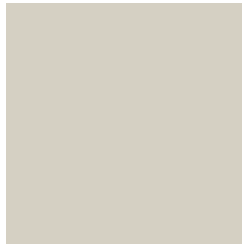
8.3699, 5.0015, 38.9774



0.5744, 0.4407, 2.3741

Previews

White Background



This preview shows how the XYZ color 59.8468, 63.1980, 60.6739 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 59.8468, 63.1980, 60.6739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

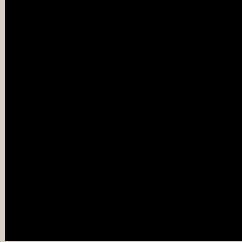
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.8468, 63.1980, 60.6739

Background



This preview shows how black text looks on a background with the XYZ color 59.8468, 63.1980, 60.6739.

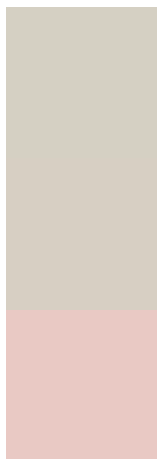


This preview shows how white text looks on a background with the XYZ color 59.8468, 63.1980,

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

59.8468, 63.1980, 60.6739

Protanopia

60.1875, 63.0129, 60.6202

Deuteranopia

64.4547, 63.0824, 61.0036



Tritanopia

63.1264, 63.1048, 76.5635

Trichromacy



Original Color

59.8468, 63.1980, 60.6739

Protanomaly

59.8947, 62.8619, 60.6065

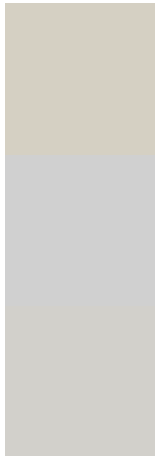
Deuteranomaly

62.9207, 63.3400, 61.1341

Tritanomaly

61.9081, 62.9647, 70.5185

Monochromacy



Original Color

59.8468, 63.1980, 60.6739

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.9137, 63.1252, 65.5265

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8468, 63.1980, 60.6739 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(213, 208, 195) looks like.

```
.text, #text, p{  
    color:rgb(213, 208, 195)  
}
```

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(213, 208, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 208, 195) }
```

Border

The CSS property to change the border of an element to XYZ 59.8468, 63.1980, 60.6739 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(213, 208, 195) }
```


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

```
.border{ border-color:rgb(213, 208, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 208, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 208, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 208, 195);  
box-shadow:4px 4px 4px 4px rgb(213, 208,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8468, 63.1980, 60.6739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 208, 195) }
```

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

```
.background{ background-color: rgb(213,  
208, 195) }
```

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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