

Converting Colors

XYZ(59.6636, 61.4697, 69.6937)

Have a look what the booklet for
XYZ(59.6636, 61.4697, 69.6937)
contains.

XYZ(59.8041, 61.5405, 69.6993)	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(59.8041, 61.5405,
69.6993)**

Conversions

Conversions Part 1

Format	Color
Hex	D2CCD2
RGB	210, 204, 210
RGB Percent	82%, 80%, 82%
CMY	0.1765, 0.2000, 0.1765
CMYK	0.00, 0.03, 0.00, 0.18
HSL	300°, 6%, 81%
HSV	300°, 3%, 82%
XYZ	59.8041, 61.5405, 69.6993
YIQ	206.4780, 1.6500, 3.1380

Conversions

Conversions Part 2

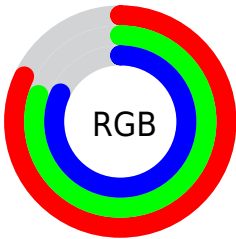
Format	Color
R _Y B	210, 204, 210
Decimal	13814994
CIE Lab	82.67, 3.16, -2.25
CIE LCh	83, 3.875, 324.529
Yxy	61.5405, 0.3130, 0.3221
Android (android.graphics.Color)	4292005074 (0xFFD2CCD2)
YUV	206.4780, 1.7363, 3.0888
Hunter-Lab	78.4478, -1.2053, 2.2354

Details

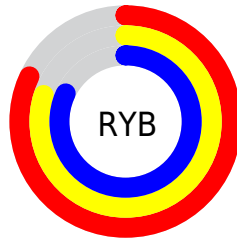
The XYZ color **59.8041, 61.5405, 69.6993** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.8498, 63.2919, 66.2447**, and the grayscale version is **58.9625, 62.0332, 67.5541**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.6174, 31.2809, 35.8766** is the 20% darker color. If you saturate the color by 10%, you get **55.1463, 52.2240, 68.1473**, and if you desaturate by 10%, it is **65.1384, 72.2083, 71.4783**.

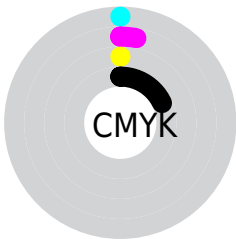
Distribution



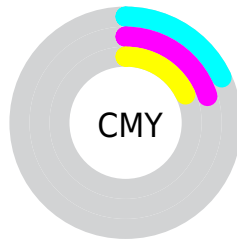
- Red (82%)
- Green (80%)
- Blue (82%)



- Red (82%)
- Yellow (80%)
- Blue (82%)



- Cyan (0%)
- Magenta (3%)
- Yellow (0%)
- Black (18%)



- Cyan (18%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.8041, 61.5405, 69.6993 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 59.8041, 61.5405, 69.6993 by changing the saturation by 10% instead.

■ 59.8041, 61.5405,
69.6993

■ 59.8041, 61.5405,
69.6993

413.7216,
430.2530, 478.2541

■ 43.5096, 44.6615,
50.8061

103.6534,
107.0611, 120.4569

■ 30.4814, 31.1909,
35.6787

131.9389,
136.4716, 153.1585

■ 20.3542, 20.7443,
23.8984

164.9522,
170.8280, 191.2999

■ 12.7625, 12.9372,
15.0468

203.0585,
210.5147, 235.2997

■ 7.3411, 7.3853,
8.7052

246.6232,
255.9162, 285.5765

■ 3.7245, 3.7042,
4.4552

296.0118,

■ 1.5475, 1.5095,

307.4168, 342.5488

1.8783

351.5895,
365.4010, 406.6352

■ 0.3578, 0.2954,
0.4789

■ 0.0000, 0.0000,
0.0000

■ 59.8041, 61.5405,
69.6993

■ 59.8041, 61.5405,
69.6993

■ 55.1463, 52.2240,
68.1473

■ 65.1384, 72.2083,
71.4783

■ 51.1329, 44.1973,
66.8093

■ 71.1692, 84.2698,
73.4888

■ 47.7373, 37.4061,
65.6773

■ 73.9719, 89.8751,
74.4232

■ 44.9287, 31.7890,
64.7409

■ 73.9720, 89.8751,
74.4233

42.6739, 27.2795,
63.9892

73.9720, 89.8751,
74.4235

40.9363, 23.8043,
63.4098

73.9720, 89.8752,
74.4237

39.6749, 21.2816,
62.9892

73.9721, 89.8752,
74.4238

38.8425, 19.6170,
62.7116

73.9721, 89.8752,
74.4240

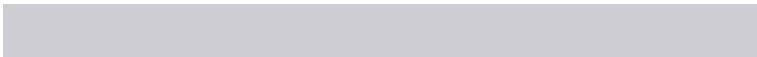
38.3824, 18.6967,
62.5580

73.9721, 89.8752,
74.4242

Harmonies

Analogous

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



59.1586, 61.5405, 71.2594



59.8041, 61.5405, 69.6993



60.0983, 61.5405, 67.4446

Triad

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



59.8041, 61.5405, 69.6993



58.6449, 61.5405, 62.5520



57.0500, 61.5405, 68.9260

Complementary

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



59.8041, 61.5405, 69.6993



58.8498, 63.2919, 66.2447

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.



56.9154, 61.5405, 66.5716



59.8041, 61.5405, 69.6993



57.8312, 61.5405, 62.9275

Square

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



59.8041, 61.5405, 69.6993



59.4250, 61.5405, 63.3470



57.2000, 61.5405, 64.3852



57.5696, 61.5405, 70.8056

Rectangle

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



59.8041, 61.5405, 69.6993



60.0537, 61.5405, 65.8650



57.2000, 61.5405, 64.3852



56.9584, 61.5405, 68.1624

Sweetspot

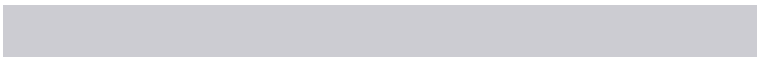
The Sweet Spot groups the original color and five complimentary colors.



59.8059, 61.5431, 69.7006



94.2419, 98.3838, 108.6306



58.1303, 60.6793, 69.6223



20.1802, 21.0752, 23.2543



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.



59.8059, 61.5431, 69.7006



92.6579, 95.2158, 108.1026



59.4357, 61.3951, 67.7514



12.8923, 13.1719, 15.1066



23.3081, 11.1961, 38.1240



1.3032, 0.6260, 2.1317

Inverse Universe

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



59.8059, 61.5431, 69.7006



92.6579, 95.2158, 108.1026



59.2130, 63.4372, 68.1573



12.8923, 13.1719, 15.1066



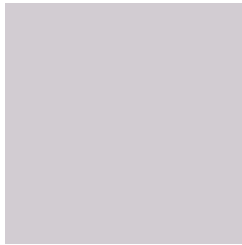
23.3081, 11.1961, 38.1240



1.3032, 0.6260, 2.1317

Previews

White Background



This preview shows how the XYZ color 59.8041, 61.5405, 69.6993 looks on a white background.

Color Contrast Check

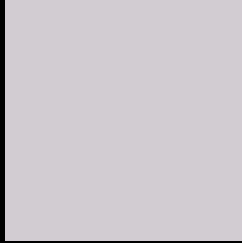
Large Text (above 18pt) WCAG AA × Fail

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 59.8041, 61.5405, 69.6993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

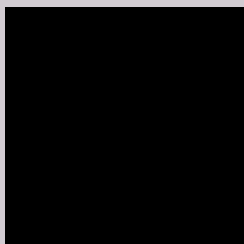
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

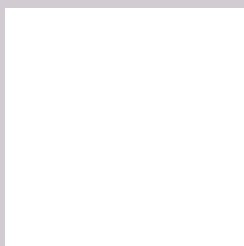
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.8041, 61.5405, 69.6993

Background



This preview shows how black text looks on a background with the XYZ color 59.8041, 61.5405, 69.6993.

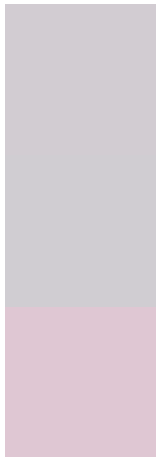


This preview shows how white text looks on a background with the XYZ color 59.8041, 61.5405,

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

59.8041, 61.5405, 69.6993

Protanopia

59.4766, 61.7257, 69.7523

Deuteranopia

62.6127, 61.2380, 70.1481



Tritanopia

61.0061, 61.6752, 75.7070

Trichromacy



Original Color

59.8041, 61.5405, 69.6993

Protanomaly

59.7587, 61.8711, 69.7655

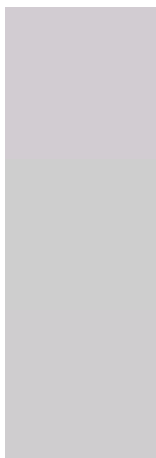
Deuteranomaly

61.5580, 61.3819, 70.2314

Tritanomaly

60.6146, 61.5186, 73.6453

Monochromacy



Original Color

59.8041, 61.5405, 69.6993

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.8259, 61.4330, 67.7888

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8041, 61.5405, 69.6993 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(210, 204, 210) looks like.

```
.text, #text, p{  
    color:rgb(210, 204, 210)  
}
```

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(210, 204, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 204, 210) }
```

Border

The CSS property to change the border of an element to XYZ 59.8041, 61.5405, 69.6993 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(210, 204, 210) }
```


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

```
.border{ border-color:rgb(210, 204, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 204, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 204, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 204, 210);  
box-shadow:4px 4px 4px 4px rgb(210, 204,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8041, 61.5405, 69.6993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 204, 210) }
```

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

```
.background{ background-color: rgb(210,  
204, 210) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor