

Converting Colors

XYZ(59.8020, 61.6536, 70.1343)

Have a look what the booklet for
XYZ(59.8020, 61.6536, 70.1343)
contains.

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Color

**XYZ(59.6452, 61.4442,
70.3443)**

Conversions

Conversions Part 1

Format	Color
Hex	D1CCD3
RGB	209, 204, 211
RGB Percent	82%, 80%, 83%
CMY	0.1804, 0.2000, 0.1725
CMYK	0.01, 0.03, 0.00, 0.17
HSL	283°, 7%, 81%
HSV	283°, 3%, 83%
XYZ	59.6452, 61.4442, 70.3443
YIQ	206.2930, 0.7330, 3.2370

Conversions

Conversions Part 2

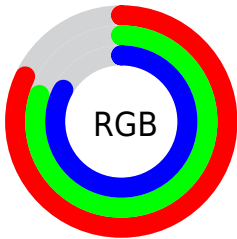
Format	Color
R _Y B	209, 204, 211
Decimal	13749459
CIE Lab	82.62, 3.00, -2.87
CIE LCh	83, 4.148, 316.275
Yxy	61.4442, 0.3116, 0.3210
Android (android.graphics.Color)	4291939539 (0xFFD1CCD3)
YUV	206.2930, 2.3206, 2.3740
Hunter-Lab	78.3864, -1.3531, 1.6633

Details

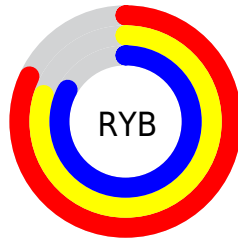
The XYZ color **59.6452, 61.4442, 70.3443** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.6493, 64.0717, 66.3531**, and the grayscale version is **58.8407, 61.9050, 67.4145**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.5097, 31.2156, 36.3155** is the 20% darker color. If you saturate the color by 10%, you get **53.2921, 51.2231, 68.7072**, and if you desaturate by 10%, it is **66.7459, 73.0627, 72.2136**.

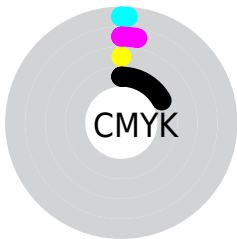
Distribution



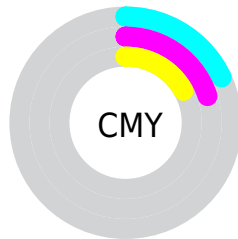
- Red (82%)
- Green (80%)
- Blue (83%)



- Red (82%)
- Yellow (80%)
- Blue (83%)



- Cyan (1%)
- Magenta (3%)
- Yellow (0%)
- Black (17%)



- Cyan (18%)
- Magenta (20%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.6452, 61.4442, 70.3443 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 59.6452, 61.4442, 70.3443 by changing the saturation by 10% instead.

■ 59.6452, 61.4442,
70.3443

■ 59.6452, 61.4442,
70.3443

413.1445,
429.9008, 480.5797

■ 43.3811, 44.5838,
51.3287

103.4241,
106.9218, 121.3853

■ 30.3801, 31.1297,
36.0918

131.6696,
136.3078, 154.2479

■ 20.2767, 20.6976,
24.2148

164.6396,
170.6378, 192.5632

■ 12.7058, 12.9032,
15.2794

202.6994,
210.2961, 236.7498

■ 7.3019, 7.3619,
8.8669

246.2145,
255.6671, 287.2262

■ 3.6996, 3.6894,
4.5588

295.5501,

■ 1.5336, 1.5014,

307.1354, 344.4109

1.9367

351.0716,
365.0851, 408.7226

■ 0.3485, 0.2897,
0.5159

■ 0.0000, 0.0000,
0.0000

■ 59.6452, 61.4442,
70.3443

■ 59.6452, 61.4442,
70.3443

■ 53.2921, 51.2231,
68.7072

■ 66.7459, 73.0627,
72.2136

■ 47.6534, 42.3369,
67.2892

■ 74.6151, 86.1222,
74.3196

■ 42.7013, 34.7300,
66.0819

■ 79.2275, 92.5700,
75.3210

■ 38.4038, 28.3396,
65.0749

■ 81.1648, 93.5688,
75.4117

■ 34.7265, 23.0979,
64.2570

■ 83.1695, 94.6022,
75.5055

■ 31.6314, 18.9301,
63.6157

■ 85.2422, 95.6707,
75.6025

■ 29.0760, 15.7522,
63.1369

■ 87.3835, 96.7746,
75.7027

■ 27.0114, 13.4677,
62.8048

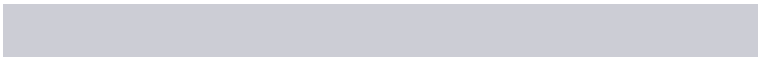
■ 88.7580, 97.4832,
75.7670

■ 25.3787, 11.9601,
62.5999

Harmonies

Analogous

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



58.8813, 61.4442, 71.7137



59.6452, 61.4442, 70.3443



60.0776, 61.4442, 68.0709

Triad

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



59.6452, 61.4442, 70.3443



58.8075, 61.4442, 62.2573



56.7749, 61.4442, 68.2840

Complementary

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



59.6452, 61.4442, 70.3443



59.6493, 64.0717, 66.3531

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.



56.7556, 61.4442, 65.7472



59.6452, 61.4442, 70.3443



57.9230, 61.4442, 62.3110

Square

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



59.6452, 61.4442, 70.3443



59.5907, 61.4442, 63.4257



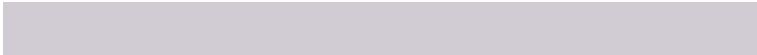
57.1740, 61.4442, 63.5744



57.2270, 61.4442, 70.5037

Rectangle

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



59.6452, 61.4442, 70.3443



60.1170, 61.4442, 66.3685



57.1740, 61.4442, 63.5744



56.7178, 61.4442, 67.4389

Sweetspot

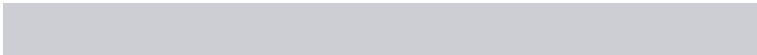
The Sweet Spot groups the original color and five complimentary colors.



59.6470, 61.4468, 70.3456



93.9742, 98.2458, 108.6181



58.7576, 61.7340, 70.4479



20.1257, 21.0471, 23.2517



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.



59.6470, 61.4468, 70.3456



90.8172, 93.1150, 107.7942



60.0418, 61.6706, 69.4523



12.6191, 12.8825, 15.0651



14.8673, 6.8447, 37.7301



0.9073, 0.4219, 2.1132

Inverse Universe

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



59.5996, 61.4937, 67.1241



90.7312, 93.2036, 101.7842



59.2662, 63.8546, 67.2153



12.6054, 12.8970, 14.0899



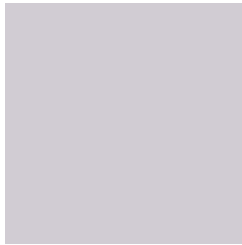
16.7483, 8.5721, 3.5806



0.9708, 0.4930, 0.3812

Previews

White Background



This preview shows how the XYZ color 59.6452, 61.4442, 70.3443 looks on a white background.

Color Contrast Check

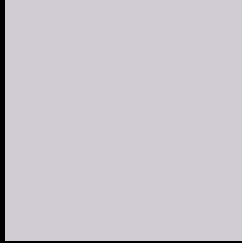
Large Text (above 18pt) WCAG AA × Fail

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 59.6452, 61.4442, 70.3443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

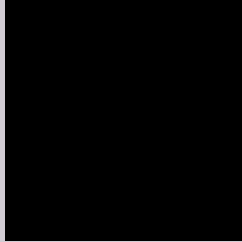
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

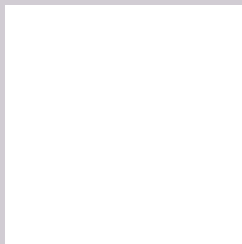
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.6452, 61.4442, 70.3443

Background



This preview shows how black text looks on a background with the XYZ color 59.6452, 61.4442, 70.3443.

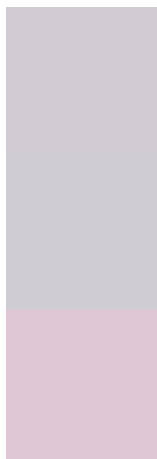


This preview shows how white text looks on a background with the XYZ color 59.6452, 61.4442,

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

59.6452, 61.4442, 70.3443

Protanopia

59.3632, 61.2988, 70.3311

Deuteranopia

62.7385, 61.2883, 70.8105



Tritanopia

60.7205, 61.5280, 75.6936

Trichromacy



Original Color

59.6452, 61.4442, 70.3443

Protanomaly

59.3632, 61.2988, 70.3311

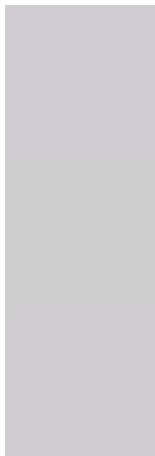
Deuteranomaly

61.6838, 61.4322, 70.8939

Tritanomaly

60.3289, 61.3714, 73.6319

Monochromacy



Original Color

59.6452, 61.4442, 70.3443

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.9486, 61.4821, 68.4348

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6452, 61.4442, 70.3443 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(209, 204, 211) looks like.

```
.text, #text, p{  
    color:rgb(209, 204, 211)  
}
```

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(209, 204, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 204, 211) }
```

Border

The CSS property to change the border of an element to XYZ 59.6452, 61.4442, 70.3443 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(209, 204, 211) }
```


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

```
.border{ border-color:rgb(209, 204, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 204, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 204, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 204, 211);  
box-shadow:4px 4px 4px 4px rgb(209, 204,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6452, 61.4442, 70.3443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 204, 211) }
```

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

```
.background{ background-color: rgb(209,  
204, 211) }
```

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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