

Converting Colors

XYZ(58.3238, 61.9201, 70.9339)

Have a look what the booklet for
XYZ(58.3238, 61.9201, 70.9339)
contains.

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Color

**XYZ(58.2839, 61.7966,
71.1434)**

Conversions

Conversions Part 1

Format	Color
Hex	C9CFD4
RGB	201, 207, 212
RGB Percent	79%, 81%, 83%
CMY	0.2118, 0.1882, 0.1686
CMYK	0.05, 0.02, 0.00, 0.17
HSL	207°, 11%, 81%
HSV	207°, 5%, 83%
XYZ	58.2839, 61.7966, 71.1434
YIQ	205.7760, -5.1810, 0.2830

Conversions

Conversions Part 2

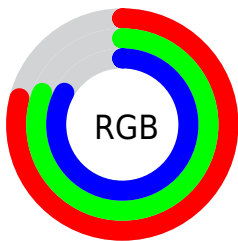
Format	Color
RYB	201, 205, 212
Decimal	13225940
CIELab	82.81, -1.10, -3.20
CIELCh	83, 3.378, 251.082
Yxy	61.7966, 0.3048, 0.3232
Android (android.graphics.Color)	4291416020 (0xFFC9CFD4)
YUV	205.7760, 3.0684, -4.1886
Hunter-Lab	78.6108, -5.2248, 1.3697

Details

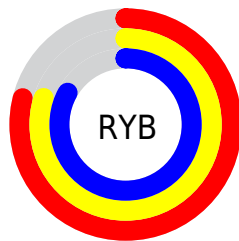
The XYZ color **58.2839, 61.7966, 71.1434** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.7655, 62.3562, 64.1454**, and the grayscale version is **58.5078, 61.5548, 67.0332**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.5097, 31.4198, 36.4076** is the 20% darker color. If you saturate the color by 10%, you get **50.7114, 54.5358, 70.1420**, and if you desaturate by 10%, it is **66.7888, 69.7528, 72.2318**.

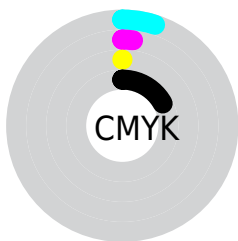
Distribution



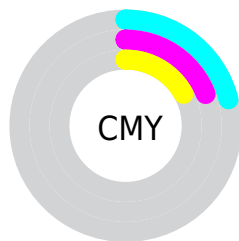
- Red (79%)
- Green (81%)
- Blue (83%)



- Red (79%)
- Yellow (80%)
- Blue (83%)



- Cyan (5%)
- Magenta (2%)
- Yellow (0%)
- Black (17%)



- Cyan (21%)
- Magenta (19%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.2839, 61.7966, 71.1434 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 58.2839, 61.7966, 71.1434 by changing the saturation by 10% instead.

■ 58.2839, 61.7966,
71.1434

■ 58.2839, 61.7966,
71.1434

408.1798,
431.1888, 483.4517

■ 42.2811, 44.8684,
51.9767

101.4568,
107.4315, 122.5342

■ 29.5135, 31.3538,
36.6044

129.3575,
136.9070, 155.5955

■ 19.6159, 20.8684,
24.6079

161.9549,
171.3336, 194.1252

■ 12.2228, 13.0278,
15.5688

199.6144,
211.0959, 238.5421

■ 6.9689, 7.4477,
9.0685

242.7013,
256.5781, 289.2647

■ 3.4888, 3.7436,
4.6885

291.5809,

■ 1.4172, 1.5312,

308.1648, 346.7115

2.0102

346.6186,
366.2402, 411.3010

■ 0.2684, 0.3105,
0.5615

■ 0.0000, 0.0000,
0.0000

■ 58.2839, 61.7966,
71.1434

■ 58.2839, 61.7966,
71.1434

■ 50.7114, 54.5358,
70.1420

■ 66.7888, 69.7528,
72.2318

■ 44.0316, 47.9410,
69.2211

■ 76.2535, 78.4170,
73.4053

■ 38.2093, 41.9919,
68.3797

■ 83.0893, 85.9444,
74.4980

■ 33.2051, 36.6644,
67.6151

■ 85.9356, 91.6371,
75.4467

■ 28.9761, 31.9322,
66.9246

■ 88.8838, 97.5335,
76.4295

■ 25.4753, 27.7669,
66.3052

■ 22.6498, 24.1369,
65.7534

■ 20.4386, 21.0063,
65.2657

■ 18.7680, 18.3322,
64.8376

Harmonies

Analogous

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



57.6887, 61.7966, 69.9503



58.2839, 61.7966, 71.1434



59.0048, 61.7966, 71.2904

Triad

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



58.2839, 61.7966, 71.1434



60.1179, 61.7966, 66.5197



57.8223, 61.7966, 64.3141

Complementary

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



58.2839, 61.7966, 71.1434



59.7655, 62.3562, 64.1454

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.



58.4676, 61.7966, 63.4344



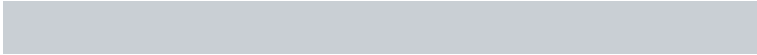
58.2839, 61.7966, 71.1434



59.7955, 61.7966, 64.6902

Square

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



58.2839, 61.7966, 71.1434



60.0677, 61.7966, 68.5919



59.1901, 61.7966, 63.5706



57.4238, 61.7966, 65.9967

Rectangle

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



58.2839, 61.7966, 71.1434



59.4602, 61.7966, 70.7721



59.1901, 61.7966, 63.5706



58.0173, 61.7966, 63.9163

Sweetspot

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



58.2857, 61.7992, 71.1448



92.4639, 97.5763, 108.5685



58.7664, 63.9593, 67.6098



19.8182, 20.9108, 23.2416



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.



58.2857, 61.7992, 71.1448



87.4661, 92.8583, 107.9212



56.9872, 59.2023, 70.7119



12.7904, 13.5896, 15.8864



11.2718, 10.8055, 39.9447



0.7621, 0.8162, 2.4367

Inverse Universe

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



59.3019, 60.2766, 67.5435



89.2629, 90.1841, 101.5501



61.1012, 65.0276, 64.5906



13.0778, 13.1636, 14.8670



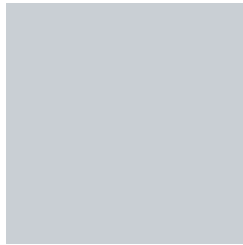
18.7484, 9.4357, 11.2449



1.1723, 0.5857, 0.8969

Previews

White Background



This preview shows how the XYZ color 58.2839, 61.7966, 71.1434 looks on a white background.

Color Contrast Check

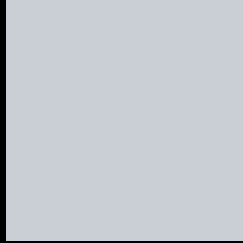
Large Text (above 18pt) WCAG AA × Fail

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 58.2839, 61.7966, 71.1434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

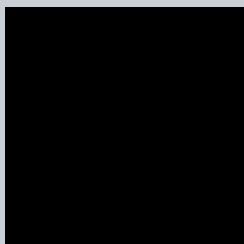
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

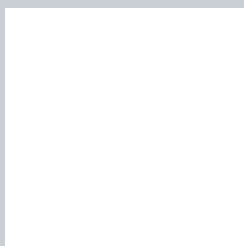
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.2839, 61.7966, 71.1434

Background



This preview shows how black text looks on a background with the XYZ color 58.2839, 61.7966, 71.1434.

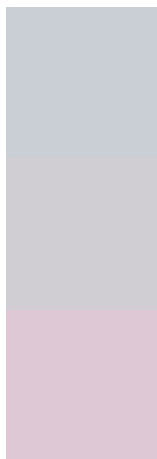


This preview shows how white text looks on a background with the XYZ color 58.2839, 61.7966,

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

58.2839, 61.7966, 71.1434

Protanopia

59.6016, 61.7757, 70.4106

Deuteranopia

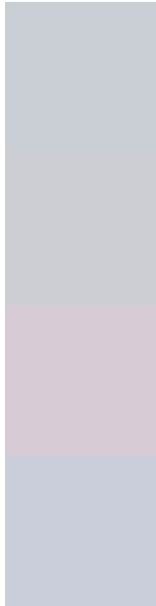
63.0959, 61.8006, 71.5540



Tritanopia

59.6447, 61.6331, 77.8600

Trichromacy



Original Color

58.2839, 61.7966, 71.1434

Protanomaly

59.0060, 61.8249, 70.4515

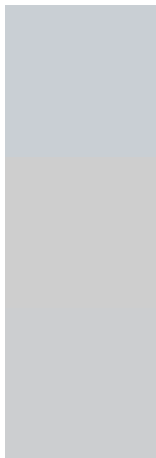
Deuteranomaly

61.3905, 61.9630, 71.6752

Tritanomaly

59.0833, 61.7611, 75.1367

Monochromacy



Original Color

58.2839, 61.7966, 71.1434

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.3583, 61.5340, 68.4760

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2839, 61.7966, 71.1434 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(201, 207, 212) looks like.

```
.text, #text, p{  
    color:rgb(201, 207, 212)  
}
```

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(201, 207, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 207, 212) }
```

Border

The CSS property to change the border of an element to XYZ 58.2839, 61.7966, 71.1434 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(201, 207, 212) }
```


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

```
.border{ border-color:rgb(201, 207, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 207, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 207, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 207, 212);  
box-shadow:4px 4px 4px 4px rgb(201, 207,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2839, 61.7966, 71.1434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 207, 212) }
```

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

```
.background{ background-color: rgb(201,  
207, 212) }
```

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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