

Converting Colors

XYZ(59.9258, 63.0895, 71.1929)

Have a look what the booklet for
XYZ(59.9258, 63.0895, 71.1929)
contains.

XYZ(59.8931, 62.9870, 71.2884)	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(59.8931, 62.9870,
71.2884)**

Conversions

Conversions Part 1

Format	Color
Hex	CED0D4
RGB	206, 208, 212
RGB Percent	81%, 82%, 83%
CMY	0.1922, 0.1843, 0.1686
CMYK	0.03, 0.02, 0.00, 0.17
HSL	220°, 7%, 82%
HSV	220°, 3%, 83%
XYZ	59.8931, 62.9870, 71.2884
YIQ	207.8580, -2.4760, 0.8200

Conversions

Conversions Part 2

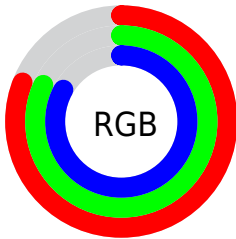
Format	Color
R _Y B	206, 208, 212
Decimal	13553876
CIE Lab	83.44, 0.06, -2.23
CIE LCh	83, 2.227, 271.587
Yxy	62.9870, 0.3085, 0.3244
Android (android.graphics.Color)	4291743956 (0xFFCED0D4)
YUV	207.8580, 2.0420, -1.6295
Hunter-Lab	79.3643, -4.1808, 2.2983

Details

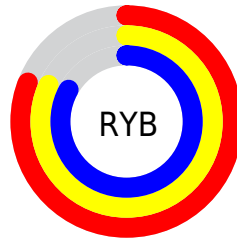
The XYZ color **59.8931, 62.9870, 71.2884** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.3386, 64.5457, 67.6191**, and the grayscale version is **59.8521, 62.9690, 68.5733**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.5903, 32.2209, 36.5053** is the 20% darker color. If you saturate the color by 10%, you get **51.1095, 53.5750, 69.9356**, and if you desaturate by 10%, it is **69.7808, 73.4267, 72.7833**.

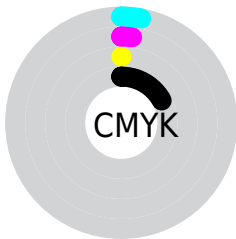
Distribution



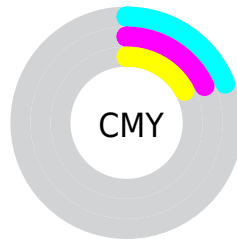
- Red (81%)
- Green (82%)
- Blue (83%)



- Red (81%)
- Yellow (82%)
- Blue (83%)



- Cyan (3%)
- Magenta (2%)
- Yellow (0%)
- Black (17%)



- Cyan (19%)
- Magenta (18%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.8931, 62.9870, 71.2884 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 59.8931, 62.9870, 71.2884 by changing the saturation by 10% instead.

■ 59.8931, 62.9870,
71.2884

■ 59.8931, 62.9870,
71.2884

414.0447,
435.5223, 483.9718

■ 43.5816, 45.8307,
52.0943

103.7818,
109.1508, 122.7426

■ 30.5382, 32.1122,
36.6975

132.0897,
138.9270, 155.8397

■ 20.3976, 21.4472,
24.6794

165.1272,
173.6787, 194.4083

■ 12.7943, 13.4513,
15.6215

203.2595,
213.7902, 238.8669

■ 7.3631, 7.7401,
9.1053

246.8521,
259.6459, 289.6340

■ 3.7385, 3.9291,
4.7122

296.2702,

■ 1.5553, 1.6340,

311.6302, 347.1281

2.0236

351.8793,
370.1276, 411.7679

■ 0.3630, 0.3803,
0.5697

■ 0.0000, 0.0000,
0.0000

■ 59.8931, 62.9870,
71.2884

■ 59.8931, 62.9870,
71.2884

■ 51.1095, 53.5750,
69.9356

■ 69.7808, 73.4267,
72.7833

■ 43.3849, 45.1505,
68.7166

■ 80.8045, 84.9168,
74.4201

■ 36.6793, 37.6822,
67.6285

■ 87.4240, 94.6138,
75.9429

■ 30.9478, 31.1342,
66.6667

■ 88.8839, 97.5335,
76.4295

■ 26.1420, 25.4680,
65.8263

■ 22.2093, 20.6424,
65.1022

■ 19.0911, 16.6121,
64.4886

■ 16.7209, 13.3268,
63.9794

■ 15.0203, 10.7291,
63.5676

Harmonies

Analogous

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



59.4243, 62.9870, 70.9596



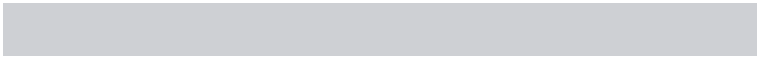
59.8931, 62.9870, 71.2884



60.3574, 62.9870, 70.8839

Triad

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



59.8931, 62.9870, 71.2884



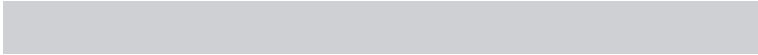
60.6657, 62.9870, 67.1918



59.0503, 62.9870, 67.3184

Complementary

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



59.8931, 62.9870, 71.2884



61.3386, 64.5457, 67.6191

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.



59.3798, 62.9870, 66.3307



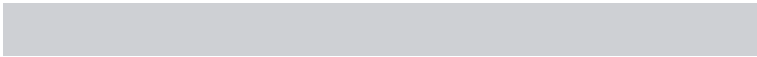
59.8931, 62.9870, 71.2884



60.3124, 62.9870, 66.2584

Square

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



59.8931, 62.9870, 71.2884



60.8049, 62.9870, 68.5082



59.8414, 62.9870, 65.9452



58.9393, 62.9870, 68.6562

Rectangle

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



59.8931, 62.9870, 71.2884



60.6014, 62.9870, 70.2560



59.8414, 62.9870, 65.9452



59.1391, 62.9870, 66.9350

Sweetspot

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



59.8949, 62.9897, 71.2898



93.5786, 98.4406, 108.6766



60.6184, 64.8580, 70.2323



20.0452, 21.0868, 23.2636



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

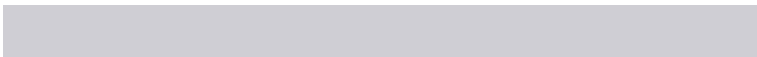
The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.8949, 62.9897, 71.2898



90.6873, 95.3697, 108.2362



59.6601, 62.1480, 71.1397



13.2067, 13.8867, 15.9218



8.8020, 5.8657, 39.1214



0.6060, 0.5040, 2.3847

Inverse Universe

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



60.6092, 62.6948, 68.5845



91.8482, 94.8919, 103.8390



61.5777, 65.4079, 67.7729



13.4186, 13.8004, 15.1190



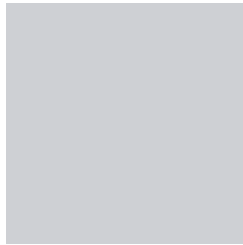
17.5017, 8.9370, 4.6800



1.0935, 0.5542, 0.4819

Previews

White Background



This preview shows how the XYZ color 59.8931, 62.9870, 71.2884 looks on a white background.

Color Contrast Check

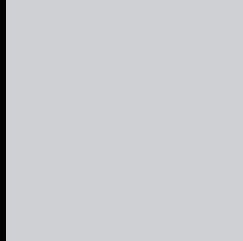
Large Text (above 18pt) WCAG AA × Fail

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 59.8931, 62.9870, 71.2884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

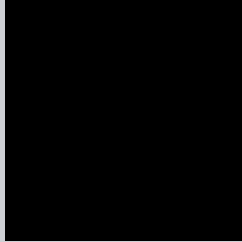
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

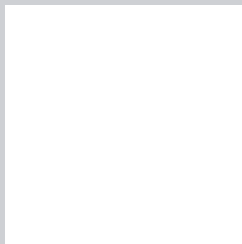
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.8931, 62.9870, 71.2884

Background



This preview shows how black text looks on a background with the XYZ color 59.8931, 62.9870, 71.2884.

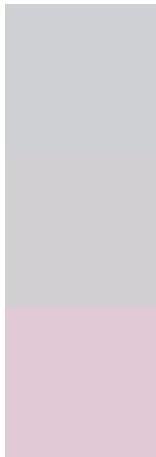


This preview shows how white text looks on a background with the XYZ color 59.8931, 62.9870,

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

59.8931, 62.9870, 71.2884

Protanopia

60.6490, 63.0304, 70.5976

Deuteranopia

63.9482, 62.5849, 71.6605



Tritanopia

61.4030, 62.8802, 78.7128

Trichromacy



Original Color

59.8931, 62.9870, 71.2884

Protanomaly

60.3652, 62.8841, 70.5843

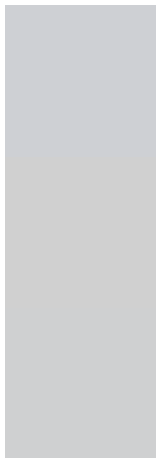
Deuteranomaly

62.5165, 62.8953, 71.7958

Tritanomaly

60.8311, 63.0055, 75.9730

Monochromacy



Original Color

59.8931, 62.9870, 71.2884

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.7966, 62.9806, 69.3265

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8931, 62.9870, 71.2884 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(206, 208, 212) looks like.

```
.text, #text, p{  
    color:rgb(206, 208, 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(206, 208, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 208, 212) }
```

Border

The CSS property to change the border of an element to XYZ 59.8931, 62.9870, 71.2884 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(206, 208, 212) }
```


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

```
.border{ border-color:rgb(206, 208, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 208, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 208, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 208, 212);  
box-shadow:4px 4px 4px 4px rgb(206, 208,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8931, 62.9870, 71.2884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 208, 212) }
```

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

```
.background{ background-color: rgb(206,  
208, 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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