

Converting Colors

XYZ(59.7192, 63.6192, 71.8207)

Have a look what the booklet for
XYZ(59.7192, 63.6192, 71.8207)
contains.

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Color

**XYZ(59.6854, 63.5938,
72.0799)**

Conversions

Conversions Part 1

Format	Color
Hex	CBD2D5
RGB	203, 210, 213
RGB Percent	80%, 82%, 84%
CMY	0.2039, 0.1765, 0.1647
CMYK	0.05, 0.01, 0.00, 0.16
HSL	198°, 11%, 82%
HSV	198°, 5%, 84%
XYZ	59.6854, 63.5938, 72.0799
YIQ	208.2490, -5.1350, -0.5510

Conversions

Conversions Part 2

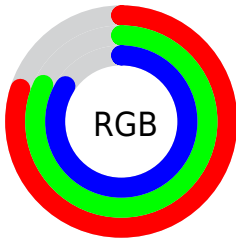
Format	Color
RYB	203, 207, 213
Decimal	13357781
CIELab	83.75, -1.81, -2.32
CIELCh	84, 2.938, 232.067
Yxy	63.5938, 0.3055, 0.3255
Android (android.graphics.Color)	4291547861 (0xFFCBD2D5)
YUV	208.2490, 2.3422, -4.6034
Hunter-Lab	79.7457, -5.9573, 2.2315

Details

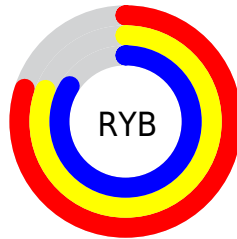
The XYZ color **59.6854, 63.5938, 72.0799** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.2915, 62.5998, 65.4060**, and the grayscale version is **60.1049, 63.2350, 68.8629**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.4544, 32.6351, 37.0418** is the 20% darker color. If you saturate the color by 10%, you get **52.7345, 57.7193, 71.3133**, and if you desaturate by 10%, it is **67.4997, 70.0103, 72.9075**.

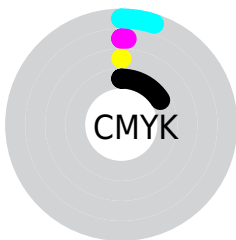
Distribution



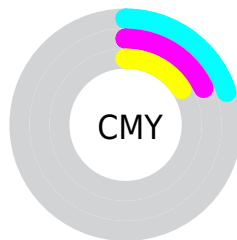
- Red (80%)
- Green (82%)
- Blue (84%)



- Red (80%)
- Yellow (81%)
- Blue (84%)



- Cyan (5%)
- Magenta (1%)
- Yellow (0%)
- Black (16%)



- Cyan (20%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.6854, 63.5938, 72.0799 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 59.6854, 63.5938, 72.0799 by changing the saturation by 10% instead.

■ 59.6854, 63.5938,
72.0799

■ 59.6854, 63.5938,
72.0799

413.2905,
437.7213, 486.8047

■ 43.4136, 46.3218,
52.7367

103.4821,
110.0257, 123.8789

■ 30.4057, 32.4998,
37.2063

131.7377,
139.9544, 157.1718

■ 20.2963, 21.7435,
25.0703

164.7187,
174.8708, 195.9517

■ 12.7201, 13.6686,
15.9099

202.7903,
215.1592, 240.6371

■ 7.3118, 7.8905,
9.3068

246.3179,
261.2040, 291.6465

■ 3.7059, 4.0250,
4.8423

295.6669,

■ 1.5371, 1.6875,

313.3897, 349.3986

2.0979

351.2027,
372.1007, 414.3118

■ 0.3509, 0.4156,
0.6145

■ 0.0000, 0.0000,
0.0000

■ 59.6854, 63.5938,
72.0799

■ 59.6854, 63.5938,
72.0799

■ 52.7345, 57.7193,
71.3133

■ 67.4997, 70.0103,
72.9075

■ 46.6087, 52.3606,
70.6019

■ 76.2032, 76.9777,
73.7936

■ 41.2744, 47.5011,
69.9450

■ 81.3121, 82.1874,
74.5300

■ 36.6938, 43.1202,
69.3409

■ 83.1123, 85.7880,
75.1300

■ 32.8258, 39.1955,
68.7872

■ 84.9782, 89.5197,
75.7520

■ 29.6250, 35.7025,
68.2817

■ 86.9104, 93.3841,
76.3961

■ 27.0405, 32.6139,
67.8217

■ 88.9095, 97.3824,
77.0624

■ 25.0134, 29.8979,
67.4043

■ 89.0104, 97.5842,
77.0961

■ 23.4720, 27.5164,
67.0259

Harmonies

Analogous

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



59.3028, 63.5938, 70.5847



59.6854, 63.5938, 72.0799



60.2731, 63.5938, 72.8177

Triad

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



59.6854, 63.5938, 72.0799



61.6797, 63.5938, 69.7338



59.9796, 63.5938, 66.0056

Complementary

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



59.6854, 63.5938, 72.0799



60.2915, 62.5998, 65.4060

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.



60.6152, 63.5938, 65.7870



59.6854, 63.5938, 72.0799



61.5997, 63.5938, 67.9181

Square

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



59.6854, 63.5938, 72.0799



61.4267, 63.5938, 71.4476



61.2090, 63.5938, 66.4812



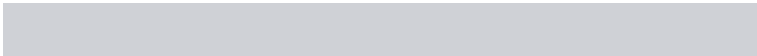
59.4719, 63.5938, 67.0839

Rectangle

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



59.6854, 63.5938, 72.0799



60.7034, 63.5938, 72.7717



61.2090, 63.5938, 66.4812



60.1853, 63.5938, 65.8299

Sweetspot

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



59.6872, 63.5965, 72.0813



93.8748, 99.0330, 108.7753



59.5441, 64.7342, 67.6439



20.1055, 21.2074, 23.2837



0.0000, 0.0000, 0.0000



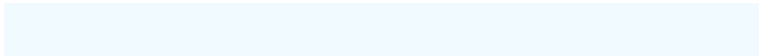
20.3446, 21.4041, 23.3091

Same Dimension

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



59.6872, 63.5965, 72.0813



88.1982, 94.3224, 108.1652



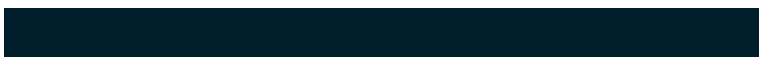
58.5110, 61.2440, 71.6892



12.9075, 13.8237, 15.9255



14.0114, 16.2845, 40.8579



0.9159, 1.1239, 2.4880

Inverse Universe

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



60.4307, 61.5123, 69.6640



89.6324, 90.3319, 103.4960



61.4739, 64.9647, 65.8002



13.1369, 13.1873, 15.1782



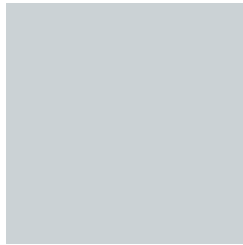
20.1311, 9.9888, 18.5265



1.2500, 0.6168, 1.3057

Previews

White Background



This preview shows how the XYZ color 59.6854, 63.5938, 72.0799 looks on a white background.

Color Contrast Check

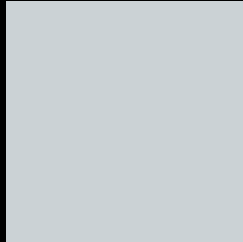
Large Text (above 18pt) WCAG AA × Fail

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 59.6854, 63.5938, 72.0799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

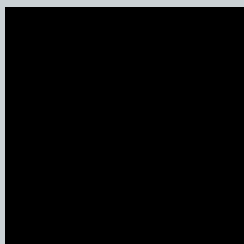
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

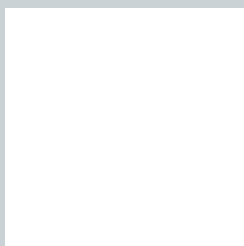
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.6854, 63.5938, 72.0799

Background



This preview shows how black text looks on a background with the XYZ color 59.6854, 63.5938, 72.0799.

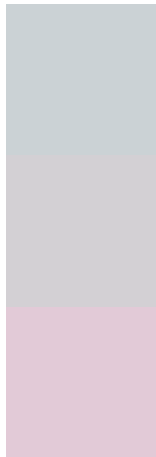


This preview shows how white text looks on a background with the XYZ color 59.6854, 63.5938,

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

59.6854, 63.5938, 72.0799

Protanopia

61.3035, 63.7141, 71.3544

Deuteranopia

64.7503, 63.3161, 73.0985



Tritanopia

61.3233, 63.5271, 80.2640

Trichromacy



Original Color

59.6854, 63.5938, 72.0799

Protanomaly

60.6966, 63.7643, 71.3960

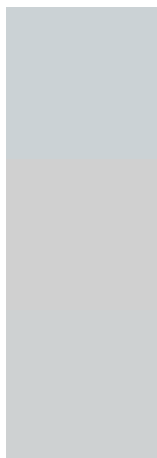
Deuteranomaly

62.8824, 63.4231, 72.5460

Tritanomaly

60.7534, 63.6588, 77.4919

Monochromacy



Original Color

59.6854, 63.5938, 72.0799

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.8869, 63.3759, 70.0492

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6854, 63.5938, 72.0799 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(203, 210, 213)` looks like.

```
.text, #text, p{  
    color:rgb(203, 210, 213)  
}
```

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(203, 210, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 210, 213) }
```

Border

The CSS property to change the border of an element to XYZ 59.6854, 63.5938, 72.0799 is called "border". The border property can be set on classes, ids or directly on the HTML element.

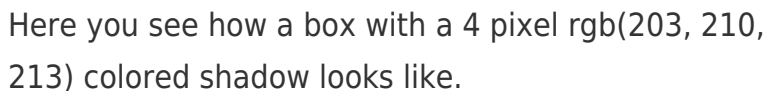
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(203, 210, 213) }
```


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

```
.border{ border-color:rgb(203, 210, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(203, 210, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 210, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 210, 213); box-shadow:4px 4px 4px 4px rgb(203, 210, 213) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6854, 63.5938, 72.0799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 210, 213) }
```

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

```
.background{ background-color: rgb(203,  
210, 213) }
```

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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