

Converting Colors

XYZ(55.9983, 59.7114, 72.7733)

Have a look what the booklet for
XYZ(55.9983, 59.7114, 72.7733)
contains.

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Color

**XYZ(56.0894, 59.9064,
72.8968)**

Conversions

Conversions Part 1

Format	Color
Hex	C1CDD7
RGB	193, 205, 215
RGB Percent	76%, 80%, 84%
CMY	0.2431, 0.1961, 0.1569
CMYK	0.10, 0.05, 0.00, 0.16
HSL	207°, 22%, 80%
HSV	207°, 10%, 84%
XYZ	56.0894, 59.9064, 72.8968
YIQ	202.5520, -10.3620, 0.5660

Conversions

Conversions Part 2

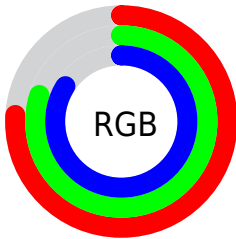
Format	Color
R _Y B	193, 201, 215
Decimal	12701143
CIE Lab	81.79, -2.11, -6.36
CIE LCh	82, 6.704, 251.678
Yxy	59.9064, 0.2969, 0.3171
Android (android.graphics.Color)	4290891223 (0xFFC1CDD7)
YUV	202.5520, 6.1369, -8.3771
Hunter-Lab	77.3992, -6.0939, -1.6616

Details

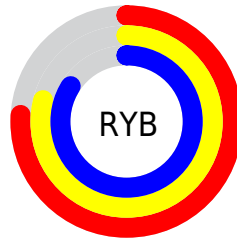
The XYZ color **56.0894, 59.9064, 72.8968** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.0062, 61.0089, 59.1191**, and the grayscale version is **56.4528, 59.3928, 64.6787**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **28.0592, 30.1603, 37.6003** is the 20% darker color. If you saturate the color by 10%, you get **48.7378, 52.7562, 71.9051**, and if you desaturate by 10%, it is **64.3873, 67.7643, 73.9771**.

Distribution



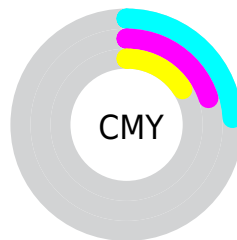
- Red (76%)
- Green (80%)
- Blue (84%)



- Red (76%)
- Yellow (79%)
- Blue (84%)



- Cyan (10%)
- Magenta (5%)
- Yellow (0%)
- Black (16%)



- Cyan (24%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0894, 59.9064, 72.8968 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 56.0894, 59.9064, 72.8968 by changing the saturation by 10% instead.

■ 56.0894, 59.9064,
72.8968

■ 56.0894, 59.9064,
72.8968

400.0979,
424.2527, 489.7182

■ 40.5119, 43.3432,
53.4003

■ 98.2743, 104.6939,
125.0503

■ 28.1239, 30.1545,
37.7325

125.6125,
133.6869, 158.5443

■ 18.5600, 19.9559,
25.4749

157.6015,
167.5921, 197.5412

■ 11.4549, 12.3630,
16.2090

194.6068,
206.7937, 242.4595

■ 6.4432, 6.9914,
9.5162

236.9938,
251.6761, 293.7179

■ 3.1596, 3.4567,
4.9780

285.1277,

■ 1.2387, 1.3746,

302.6239, 351.7348

2.1759

339.3739,
360.0213, 416.9287

■ 0.1366, 0.1979,
0.6604

■ 0.0000, 0.0000,
0.0000

■ 56.0894, 59.9064,
72.8968

■ 56.0894, 59.9064,
72.8968

■ 48.7378, 52.7562,
71.9051

■ 64.3873, 67.7643,
73.9771

■ 42.2903, 46.2833,
70.9955

■ 73.6609, 76.3440,
75.1444

■ 36.7092, 40.4657,
70.1668

■ 83.0183, 85.1911,
76.3589

■ 31.9521, 35.2774,
69.4160

■ 85.8819, 90.9184,
77.3134

■ 27.9724, 30.6903,
68.7404

■ 88.9014, 96.9574,
78.3199

■ 24.7187, 26.6732,
68.1365

■ 89.2659, 97.6864,
78.4414

■ 22.1325, 23.1914,
67.6008

■ 20.1446, 20.2047,
67.1290

■ 18.6625, 17.6996,
66.7236

Harmonies

Analogous

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



54.9340, 59.9064, 70.5398



56.0894, 59.9064, 72.8968



57.4909, 59.9064, 73.1485

Triad

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



56.0894, 59.9064, 72.8968



59.6416, 59.9064, 63.6656



55.1517, 59.9064, 59.5871

Complementary

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



56.0894, 59.9064, 72.8968



59.0062, 61.0089, 59.1191

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.



56.3911, 59.9064, 57.9008



56.0894, 59.9064, 72.8968



58.9927, 59.9064, 60.1896

Square

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



56.0894, 59.9064, 72.8968



59.5576, 59.9064, 67.7047



57.7976, 59.9064, 58.1166



54.3988, 59.9064, 62.8123

Rectangle

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



56.0894, 59.9064, 72.8968



58.3779, 59.9064, 72.0763



57.7976, 59.9064, 58.1166



55.5244, 59.9064, 58.8276

Sweetspot

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



56.0911, 59.9089, 72.8981



91.1924, 96.3799, 108.4046



57.0614, 64.2464, 65.8318



19.3030, 20.4257, 23.1751



0.0000, 0.0000, 0.0000



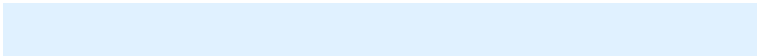
20.3446, 21.4041, 23.3091

Same Dimension

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



56.0911, 59.9089, 72.8981



80.3980, 86.0982, 106.9889



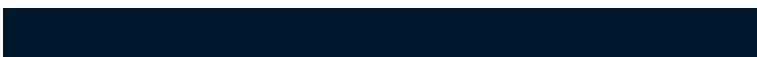
53.5732, 54.8730, 72.0588



12.2984, 13.1203, 15.8218



11.2696, 10.8009, 39.9440



0.7620, 0.8160, 2.4366

Inverse Universe

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



58.1151, 56.9961, 65.6989



83.8947, 81.1431, 94.5340



61.6722, 66.3408, 60.0078



12.7038, 12.5330, 14.3807



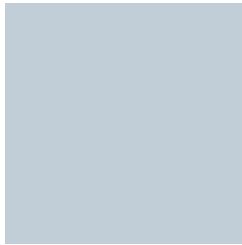
18.7472, 9.4352, 11.2388



1.1723, 0.5857, 0.8965

Previews

White Background



This preview shows how the XYZ color 56.0894, 59.9064, 72.8968 looks on a white background.

Color Contrast Check

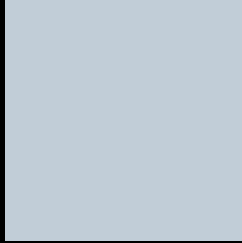
Large Text (above 18pt) WCAG AA × Fail

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 56.0894, 59.9064, 72.8968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

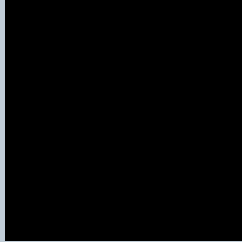
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

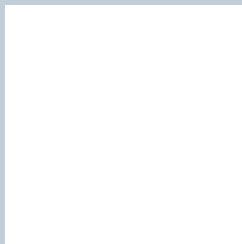
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.0894, 59.9064, 72.8968

Background



This preview shows how black text looks on a background with the XYZ color 56.0894, 59.9064, 72.8968.

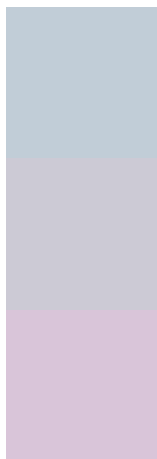


This preview shows how white text looks on a background with the XYZ color 56.0894, 59.9064,

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

56.0894, 59.9064, 72.8968

Protanopia

58.0326, 59.8825, 71.4506

Deuteranopia

61.1059, 59.6940, 73.9471



Tritanopia

56.7593, 59.8224, 76.2655

Trichromacy



Original Color

56.0894, 59.9064, 72.8968

Protanomaly

57.3130, 59.8463, 72.1491

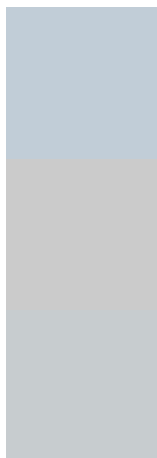
Deuteranomaly

59.0614, 59.6763, 73.3716

Tritanomaly

56.4959, 59.7170, 74.8786

Monochromacy



Original Color

56.0894, 59.9064, 72.8968

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.4085, 59.8328, 67.6073

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0894, 59.9064, 72.8968 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(193, 205, 215)` looks like.

```
.text, #text, p{  
    color:rgb(193, 205, 215)  
}
```

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(193, 205, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 205, 215) }
```

Border

The CSS property to change the border of an element to XYZ 56.0894, 59.9064, 72.8968 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(193, 205, 215) }
```


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

```
.border{ border-color:rgb(193, 205, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 205, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 205, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 205, 215);  
box-shadow:4px 4px 4px 4px rgb(193, 205,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0894, 59.9064, 72.8968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 205, 215) }
```

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

```
.background{ background-color: rgb(193,  
205, 215) }
```

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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