

Converting Colors

XYZ(59.7266, 64.0755, 73.1709)

Have a look what the booklet for
XYZ(59.7266, 64.0755, 73.1709)
contains.

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Color

**XYZ(59.5193, 63.8611,
72.8077)**

Conversions

Conversions Part 1

Format	Color
Hex	C9D3D6
RGB	201, 211, 214
RGB Percent	79%, 83%, 84%
CMY	0.2118, 0.1725, 0.1608
CMYK	0.06, 0.01, 0.00, 0.16
HSL	194°, 14%, 81%
HSV	194°, 6%, 84%
XYZ	59.5193, 63.8611, 72.8077
YIQ	208.3520, -6.9230, -1.1870

Conversions

Conversions Part 2

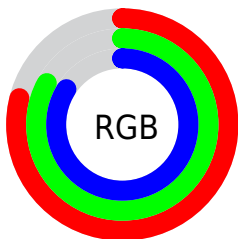
Format	Color
RYB	201, 207, 214
Decimal	13226966
CIELab	83.89, -2.81, -2.66
CIELCh	84, 3.867, 223.493
Yxy	63.8611, 0.3034, 0.3255
Android (android.graphics.Color)	4291417046 (0xFFC9D3D6)
YUV	208.3520, 2.7845, -6.4477
Hunter-Lab	79.9131, -6.9012, 1.9209

Details

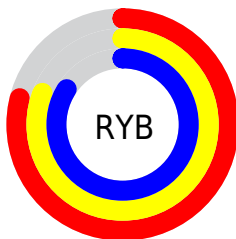
The XYZ color **59.5193, 63.8611, 72.8077** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.8673, 61.6985, 64.0131**, and the grayscale version is **60.1699, 63.3034, 68.9374**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.3476, 32.8202, 37.5363** is the 20% darker color. If you saturate the color by 10%, you get **52.9562, 58.6879, 72.1561**, and if you desaturate by 10%, it is **66.9252, 69.5281, 73.5122**.

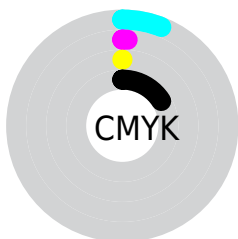
Distribution



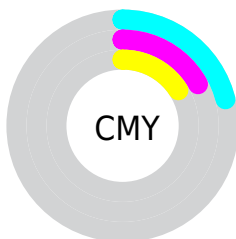
- Red (79%)
- Green (83%)
- Blue (84%)



- Red (79%)
- Yellow (81%)
- Blue (84%)



- Cyan (6%)
- Magenta (1%)
- Yellow (0%)
- Black (16%)



- Cyan (21%)
- Magenta (17%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.5193, 63.8611, 72.8077 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 59.5193, 63.8611, 72.8077 by changing the saturation by 10% instead.

■ 59.5193, 63.8611,
72.8077

■ 59.5193, 63.8611,
72.8077

412.6868,
438.6879, 489.4010

■ 43.2793, 46.5382,
53.3279

103.2424,
110.4109, 124.9226

■ 30.2998, 32.6707,
37.6751

131.4561,
140.4065, 158.3947

■ 20.2154, 21.8743,
25.4307

164.3918,
175.3952, 197.3680

■ 12.6609, 13.7646,
16.1763

202.4148,
215.7613, 242.2610

■ 7.2709, 7.9571,
9.4933

245.8904,
261.8892, 293.4922

■ 3.6799, 4.0675,
4.9631

295.1841,

■ 1.5227, 1.7114,

314.1634, 351.4803

2.1673

350.6611,
372.9681, 416.6437

■ 0.3412, 0.4310,
0.6554

■ 0.0000, 0.0000,
0.0000

■ 59.5193, 63.8611,
72.8077

■ 59.5193, 63.8611,
72.8077

■ 52.9562, 58.6879,
72.1561

■ 66.9252, 69.5281,
73.5122

■ 47.1970, 53.9827,
71.5514

■ 75.1997, 75.6975,
74.2669

■ 42.2082, 49.7295,
70.9934

■ 80.5208, 80.4012,
74.8943

■ 37.9513, 45.9079,
70.4801

■ 81.8801, 83.1197,
75.3474

■ 34.3846, 42.4960,
70.0096

■ 83.2782, 85.9161,
75.8135

■ 31.4620, 39.4695,
69.5794

■ 84.7156, 88.7908,
76.2926

■ 29.1316, 36.8010,
69.1872

■ 86.1925, 91.7446,
76.7849

■ 27.3327, 34.4587,
68.8299

■ 87.7092, 94.7781,
77.2905

■ 25.9899, 32.4033,
68.5039

■ 89.1378, 97.6351,
77.7667

Harmonies

Analogous

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



59.1216, 63.8611, 70.6325



59.5193, 63.8611, 72.8077



60.2345, 63.8611, 74.1221

Triad

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



59.5193, 63.8611, 72.8077



62.2797, 63.8611, 70.8732



60.3173, 63.8611, 65.0780

Complementary

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



59.5193, 63.8611, 72.8077



59.8673, 61.6985, 64.0131

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.



61.1639, 63.8611, 65.1390



59.5193, 63.8611, 72.8077



62.3023, 63.8611, 68.4467

Square

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



59.5193, 63.8611, 72.8077



61.8307, 63.8611, 72.9875



61.8923, 63.8611, 66.3597



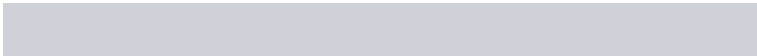
59.5794, 63.8611, 66.1910

Rectangle

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



59.5193, 63.8611, 72.8077



60.7978, 63.8611, 74.3146



61.8923, 63.8611, 66.3597



60.5985, 63.8611, 64.9627

Sweetspot

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



59.5211, 63.8638, 72.8091



92.8246, 98.2977, 108.6887



59.0121, 64.8625, 66.4221



19.8916, 21.0577, 23.2661



0.0000, 0.0000, 0.0000



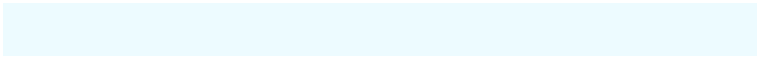
20.3446, 21.4041, 23.3091

Same Dimension

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



59.5211, 63.8638, 72.8091



87.4865, 94.1731, 108.1739



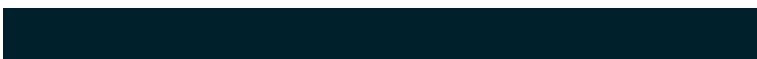
57.9817, 60.7850, 72.2960



12.8180, 13.8186, 15.9292



15.5156, 19.2929, 41.3593



0.9963, 1.2847, 2.5148

Inverse Universe

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



60.3775, 60.7739, 70.1795



88.9622, 88.8731, 103.6375



61.4000, 64.7639, 64.5240



13.0493, 12.9898, 15.2178



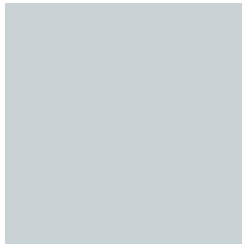
20.8904, 10.2925, 22.5246



1.2905, 0.6330, 1.5194

Previews

White Background



This preview shows how the XYZ color 59.5193, 63.8611, 72.8077 looks on a white background.

Color Contrast Check

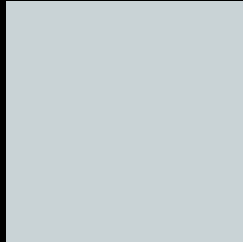
Large Text (above 18pt) WCAG AA × Fail

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 59.5193, 63.8611, 72.8077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

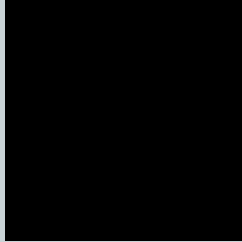
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

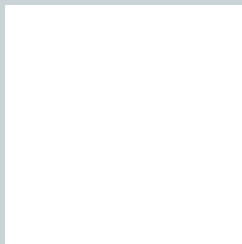
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.5193, 63.8611, 72.8077

Background



This preview shows how black text looks on a background with the XYZ color 59.5193, 63.8611, 72.8077.

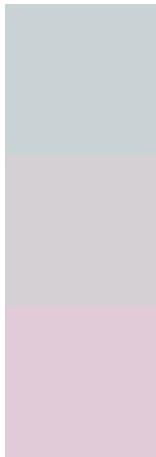


This preview shows how white text looks on a background with the XYZ color 59.5193, 63.8611,

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

59.5193, 63.8611, 72.8077

Protanopia

61.5909, 63.8623, 71.3678

Deuteranopia

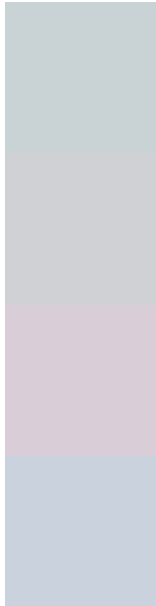
65.1146, 63.8385, 73.8559



Tritanopia

61.1565, 63.7884, 81.0406

Trichromacy



Original Color

59.5193, 63.8611, 72.8077

Protanomaly

60.8231, 63.8149, 72.0626

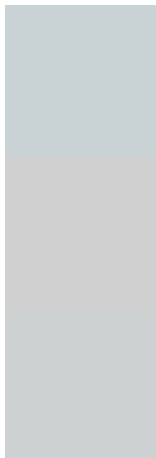
Deuteranomaly

62.9523, 63.8006, 73.2868

Tritanomaly

60.5885, 63.9237, 78.2524

Monochromacy



Original Color

59.5193, 63.8611, 72.8077

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.6102, 63.2332, 70.0362

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5193, 63.8611, 72.8077 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, 211, 214) looks like.

```
.text, #text, p{  
    color:rgb(201, 211, 214)  
}
```

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, 211, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 211, 214) }
```

Border

The CSS property to change the border of an element to XYZ 59.5193, 63.8611, 72.8077 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, 211, 214) }
```


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

```
.border{ border-color:rgb(201, 211, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 211, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 211, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 211, 214);  
box-shadow:4px 4px 4px 4px rgb(201, 211,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5193, 63.8611, 72.8077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 211, 214) }
```

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

```
.background{ background-color: rgb(201,  
211, 214) }
```

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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