

Converting Colors

XYZ(57.9623, 62.3274, 72.5872)

Have a look what the booklet for
XYZ(57.9623, 62.3274, 72.5872)
contains.

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Color

**XYZ(57.9640, 62.3263,
72.5935)**

Conversions

Conversions Part 1

Format	Color
Hex	C5D1D6
RGB	197, 209, 214
RGB Percent	77%, 82%, 84%
CMY	0.2274, 0.1804, 0.1608
CMYK	0.08, 0.02, 0.00, 0.16
HSL	198°, 17%, 81%
HSV	198°, 8%, 84%
XYZ	57.9640, 62.3263, 72.5935
YIQ	205.9820, -8.7570, -0.9890

Conversions

Conversions Part 2

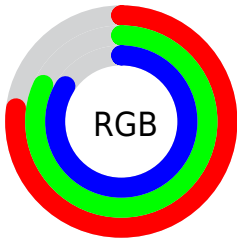
Format	Color
R _Y B	197, 204, 214
Decimal	12964310
CIE Lab	83.09, -3.09, -3.88
CIE LCh	83, 4.959, 231.500
Yxy	62.3263, 0.3005, 0.3231
Android (android.graphics.Color)	4291154390 (0xFFC5D1D6)
YUV	205.9820, 3.9529, -7.8772
Hunter-Lab	78.9470, -7.1001, 0.7445

Details

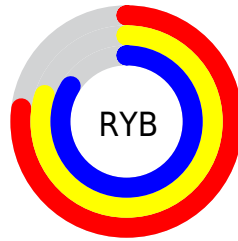
The XYZ color **57.9640, 62.3263, 72.5935** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.9303, 60.5679, 61.4091**, and the grayscale version is **58.6357, 61.6893, 67.1797**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **29.3070, 31.7855, 37.3915** is the 20% darker color. If you saturate the color by 10%, you get **51.2409, 56.6161, 71.8466**, and if you desaturate by 10%, it is **65.5471, 68.5737, 73.4007**.

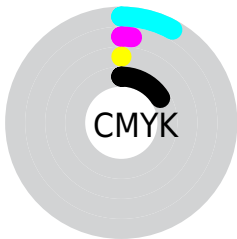
Distribution



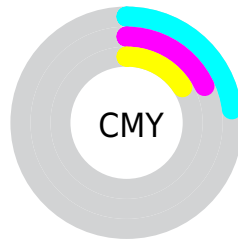
- Red (77%)
- Green (82%)
- Blue (84%)



- Red (77%)
- Yellow (80%)
- Blue (84%)



- Cyan (8%)
- Magenta (2%)
- Yellow (0%)
- Black (16%)



- Cyan (23%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9640, 62.3263, 72.5935 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 57.9640, 62.3263, 72.5935 by changing the saturation by 10% instead.

■ 57.9640, 62.3263,
72.5935

■ 57.9640, 62.3263,
72.5935

407.0078,
433.1203, 488.6377

■ 42.0229, 45.2964,
53.1538

100.9937,
108.1970, 124.6155

■ 29.3104, 31.6910,
37.5370

128.8130,
137.8066, 158.0350

■ 19.4612, 21.1256,
25.3245

161.3223,
172.3782, 196.9514

■ 12.1100, 13.2158,
16.0978

198.8871,
212.2962, 241.7834

■ 6.8914, 7.5773,
9.4383

241.8727,
257.9450, 292.9495

■ 3.4400, 3.8257,
4.9274

290.6444,

■ 1.3905, 1.5765,

309.7091, 350.8682

2.1468

345.5677,
367.9727, 415.9581

■ 0.2494, 0.3417,
0.6434

■ 0.0000, 0.0000,
0.0000

■ 57.9640, 62.3263,
72.5935

■ 57.9640, 62.3263,
72.5935

■ 51.2409, 56.6161,
71.8466

■ 65.5471, 68.5737,
73.4007

■ 45.3384, 51.4167,
71.1541

■ 74.0169, 75.3680,
74.2657

■ 40.2219, 46.7108,
70.5155

■ 81.0868, 81.5331,
75.0830

■ 35.8522, 42.4772,
69.9286

■ 82.8475, 85.0546,
75.6700

■ 32.1863, 38.6927,
69.3914

■ 84.6719, 88.7034,
76.2781

■ 29.1768, 35.3317,
68.9012

■ 86.5606, 92.4807,
76.9076

■ 26.7699, 32.3654,
68.4555

■ 88.5141, 96.3877,
77.5588

■ 24.9027, 29.7601,
68.0511

■ 89.1378, 97.6351,
77.7667

■ 23.4853, 27.4684,
67.6834

Harmonies

Analogous

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



57.3401, 62.3263, 70.0517



57.9640, 62.3263, 72.5935



58.9348, 62.3263, 73.8768

Triad

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



57.9640, 62.3263, 72.5935



61.3036, 62.3263, 68.7400



58.4862, 62.3263, 62.5115

Complementary

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



57.9640, 62.3263, 72.5935



58.9303, 60.5679, 61.4091

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.



59.5448, 62.3263, 62.1842



57.9640, 62.3263, 72.5935



61.1800, 62.3263, 65.7198

Square

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



57.9640, 62.3263, 72.5935



60.8689, 62.3263, 71.6085



60.5331, 62.3263, 63.3421



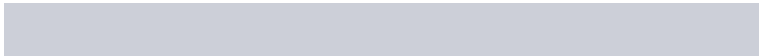
57.6390, 62.3263, 64.2500

Rectangle

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



57.9640, 62.3263, 72.5935



59.6516, 62.3263, 73.8200



60.5331, 62.3263, 63.3421



58.8288, 62.3263, 62.2349

Sweetspot

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



57.9658, 62.3289, 72.5949



92.7222, 98.0928, 108.6546



57.7125, 64.2201, 65.1183



19.8708, 21.0160, 23.2591



0.0000, 0.0000, 0.0000



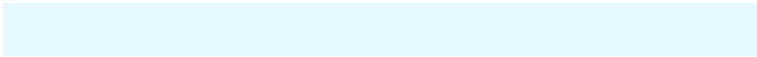
20.3446, 21.4041, 23.3091

Same Dimension

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



57.9658, 62.3289, 72.5949



83.9383, 90.7912, 107.7082



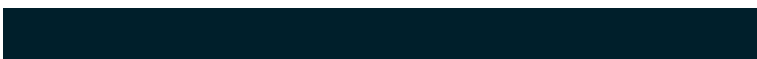
55.9774, 58.3522, 71.9321



12.4696, 13.4626, 15.8788



14.1293, 16.5203, 40.8972



0.9223, 1.1366, 2.4901

Inverse Universe

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



59.2078, 58.8333, 68.5601



86.2644, 84.3223, 100.1340



60.9354, 64.5781, 62.0774



12.7902, 12.5676, 14.8356



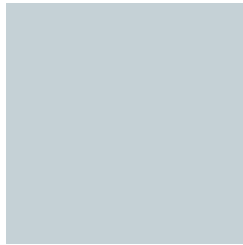
20.1907, 10.0126, 18.8399



1.2532, 0.6181, 1.3227

Previews

White Background



This preview shows how the XYZ color 57.9640, 62.3263, 72.5935 looks on a white background.

Color Contrast Check

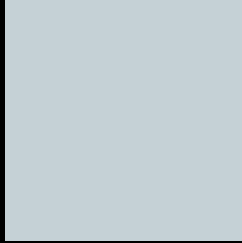
Large Text (above 18pt) WCAG AA × Fail

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 57.9640, 62.3263, 72.5935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

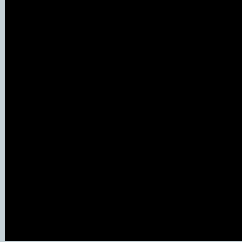
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

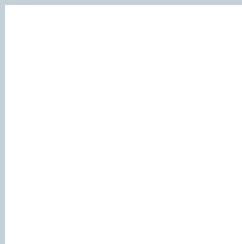
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.9640, 62.3263, 72.5935

Background



This preview shows how black text looks on a background with the XYZ color 57.9640, 62.3263, 72.5935.



This preview shows how white text looks on a background with the XYZ color 57.9640, 62.3263,

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

57.9640, 62.3263, 72.5935

Protanopia

60.2495, 62.4514, 71.1662

Deuteranopia

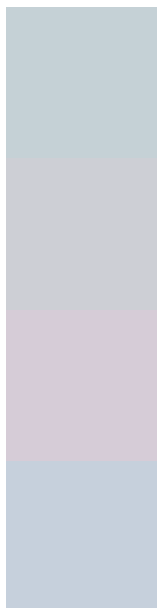
63.7127, 62.4191, 73.6558



Tritanopia

59.3206, 62.1496, 79.3905

Trichromacy



Original Color

57.9640, 62.3263, 72.5935

Protanomaly

59.4999, 62.4089, 71.8609

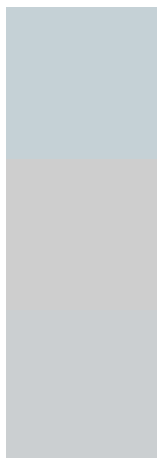
Deuteranomaly

61.5902, 62.3882, 73.0859

Tritanomaly

58.7628, 62.2848, 76.6352

Monochromacy



Original Color

57.9640, 62.3263, 72.5935

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.4500, 61.9256, 69.1938

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9640, 62.3263, 72.5935 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(197, 209, 214) looks like.

```
.text, #text, p{  
    color:rgb(197, 209, 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(197, 209, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 209, 214) }
```

Border

The CSS property to change the border of an element to XYZ 57.9640, 62.3263, 72.5935 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(197, 209, 214) }
```


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

```
.border{ border-color:rgb(197, 209, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 209, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 209, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 209, 214);  
box-shadow:4px 4px 4px 4px rgb(197, 209,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9640, 62.3263, 72.5935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 209, 214) }
```

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

```
.background{ background-color: rgb(197,  
209, 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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