

Converting Colors

XYZ(57.1767, 61.0539, 73.0265)

Have a look what the booklet for
XYZ(57.1767, 61.0539, 73.0265)
contains.

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Color

**XYZ(57.3435, 61.2677,
73.0935)**

Conversions

Conversions Part 1

Format	Color
Hex	C4CFD7
RGB	196, 207, 215
RGB Percent	77%, 81%, 84%
CMY	0.2314, 0.1882, 0.1569
CMYK	0.09, 0.04, 0.00, 0.16
HSL	205°, 19%, 81%
HSV	205°, 9%, 84%
XYZ	57.3435, 61.2677, 73.0935
YIQ	204.6230, -9.1240, 0.1560

Conversions

Conversions Part 2

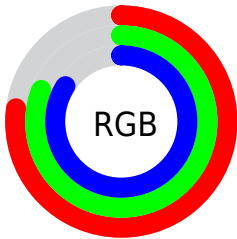
Format	Color
R _Y B	196, 203, 215
Decimal	12898263
CIE Lab	82.52, -2.17, -5.25
CIE LCh	83, 5.686, 247.525
Yxy	61.2677, 0.2991, 0.3196
Android (android.graphics.Color)	4291088343 (0xFFC4CFD7)
YUV	204.6230, 5.1159, -7.5624
Hunter-Lab	78.2737, -6.2094, -0.5746

Details

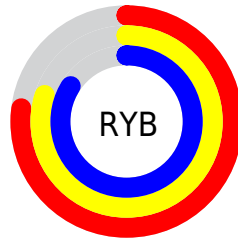
The XYZ color **57.3435, 61.2677, 73.0935** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.5812, 61.6179, 60.9787**, and the grayscale version is **57.7631, 60.7713, 66.1799**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **28.8917, 31.0713, 37.7323** is the 20% darker color. If you saturate the color by 10%, you get **50.0174, 54.3306, 72.1416**, and if you desaturate by 10%, it is **65.6003, 68.8744, 74.1275**.

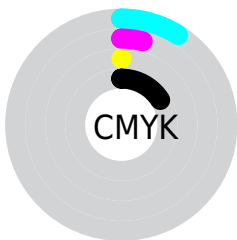
Distribution



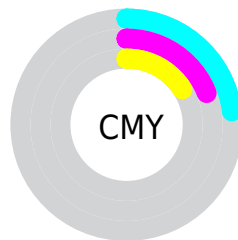
- Red (77%)
- Green (81%)
- Blue (84%)



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



- Cyan (9%)
- Magenta (4%)
- Yellow (0%)
- Black (16%)



- Cyan (23%)
- Magenta (19%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3435, 61.2677, 73.0935 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 57.3435, 61.2677, 73.0935 by changing the saturation by 10% instead.

■ 57.3435, 61.2677,
73.0935

■ 57.3435, 61.2677,
73.0935

404.7286,
429.2549, 490.4183

■ 41.5223, 44.4412,
53.5601

100.0947,
106.6664, 125.3321

■ 28.9169, 31.0175,
37.8593

127.7554,
136.0075, 158.8744

■ 19.1619, 20.6122,
25.5725

160.0933,
170.2890, 197.9234

■ 11.8920, 12.8408,
16.2812

197.4738,
209.8951, 242.8977

■ 6.7419, 7.3190,
9.5669

240.2622,
255.2104, 294.2158

■ 3.3461, 3.6624,
5.0109

288.8239,

■ 1.3393, 1.4866,

306.6192, 352.2962

2.1948

343.5243,
364.5059, 417.5575

■ 0.2124, 0.2793,
0.6714

■ 0.0000, 0.0000,
0.0000

■ 57.3435, 61.2677,
73.0935

■ 57.3435, 61.2677,
73.0935

■ 50.0174, 54.3306,
72.1416

■ 65.6003, 68.8744,
74.1275

■ 43.5805, 48.0338,
71.2654

■ 74.8163, 77.1635,
75.2417

■ 37.9963, 42.3567,
70.4640

■ 82.9721, 85.0986,
76.3435

■ 33.2232, 37.2748,
69.7346

■ 85.6168, 90.3880,
77.2251

■ 29.2159, 32.7615,
69.0747

■ 88.3950, 95.9445,
78.1512

■ 25.9245, 28.7873,
68.4811

■ 89.2659, 97.6864,
78.4415

■ 23.2922, 25.3196,
67.9505

■ 21.2525, 22.3203,
67.4791

■ 19.7023, 19.7326,
67.0613

Harmonies

Analogous

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



56.3977, 61.2677, 70.8741



57.3435, 61.2677, 73.0935



58.5399, 61.2677, 73.5740

Triad

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



57.3435, 61.2677, 73.0935



60.5829, 61.2677, 65.8367



56.8200, 61.2677, 61.5371

Complementary

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



57.3435, 61.2677, 73.0935



59.5812, 61.6179, 60.9787

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.



57.9274, 61.2677, 60.2870



57.3435, 61.2677, 73.0935



60.1079, 61.2677, 62.7125

Square

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



57.3435, 61.2677, 73.0935



60.4213, 61.2677, 69.3039



59.1319, 61.2677, 60.7096



56.0984, 61.2677, 64.1819

Rectangle

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



57.3435, 61.2677, 73.0935



59.3207, 61.2677, 72.8288



59.1319, 61.2677, 60.7096



57.1589, 61.2677, 60.9441

Sweetspot

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



57.3453, 61.2703, 73.0949



91.2727, 96.5407, 108.4314



57.9555, 64.6933, 66.5078



19.3247, 20.4691, 23.1824



0.0000, 0.0000, 0.0000



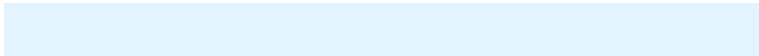
20.3446, 21.4041, 23.3091

Same Dimension

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



57.3453, 61.2703, 73.0949



81.8215, 87.7602, 107.2347



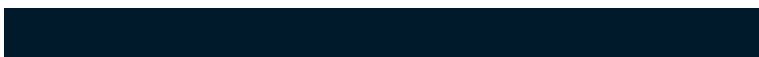
55.1307, 56.8411, 72.3567



12.3339, 13.1912, 15.8336



11.7927, 11.8472, 40.1183



0.7924, 0.8767, 2.4468

Inverse Universe

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



59.0281, 58.4331, 67.2021



84.9024, 82.6536, 96.4267



61.8883, 66.2320, 61.7478



12.7217, 12.5402, 14.4749



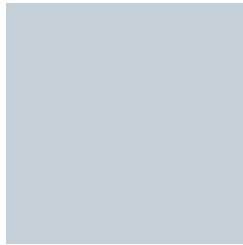
19.0113, 9.5408, 12.6293



1.1876, 0.5918, 0.9773

Previews

White Background



This preview shows how the XYZ color 57.3435, 61.2677, 73.0935 looks on a white background.

Color Contrast Check

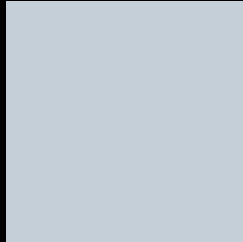
Large Text (above 18pt) WCAG AA × Fail

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 57.3435, 61.2677, 73.0935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

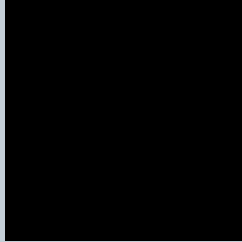
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

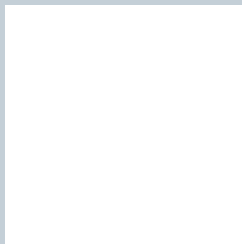
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.3435, 61.2677, 73.0935

Background



This preview shows how black text looks on a background with the XYZ color 57.3435, 61.2677, 73.0935.

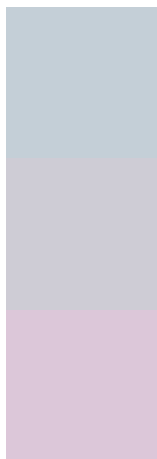


This preview shows how white text looks on a background with the XYZ color 57.3435, 61.2677,

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

57.3435, 61.2677, 73.0935

Protanopia

59.0567, 61.1116, 71.6339

Deuteranopia

62.4630, 61.0722, 74.1416



Tritanopia

58.2821, 61.2869, 77.8650

Trichromacy



Original Color

57.3435, 61.2677, 73.0935

Protanomaly

58.3260, 61.0742, 72.3327

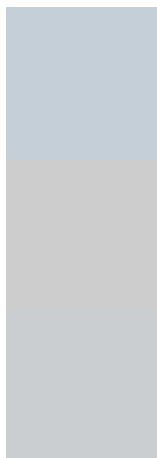
Deuteranomaly

60.3792, 61.0478, 73.5668

Tritanomaly

57.8834, 61.1274, 75.7658

Monochromacy



Original Color

57.3435, 61.2677, 73.0935

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.9371, 61.3026, 69.1006

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3435, 61.2677, 73.0935 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(196, 207, 215)` looks like.

```
.text, #text, p{  
    color:rgb(196, 207, 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(196, 207, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 207, 215) }
```

Border

The CSS property to change the border of an element to XYZ 57.3435, 61.2677, 73.0935 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(196, 207, 215) }
```


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

```
.border{ border-color:rgb(196, 207, 215) }
```

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

Here you see how a box with a 4 pixel rgb(196, 207, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 207, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 207, 215);  
box-shadow:4px 4px 4px 4px rgb(196, 207,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3435, 61.2677, 73.0935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 207, 215) }
```

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

```
.background{ background-color: rgb(196,  
207, 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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