

Converting Colors

XYZ(57.0258, 59.9290, 77.6691)

Have a look what the booklet for
XYZ(57.0258, 59.9290, 77.6691)
contains.

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Color

**XYZ(57.0258, 59.9290,
77.6691)**

Conversions

Conversions Part 1

Format	Color
Hex	C2CCDE
RGB	194, 204, 222
RGB Percent	76%, 80%, 87%
CMY	0.2392, 0.2000, 0.1294
CMYK	0.13, 0.08, 0.00, 0.13
HSL	219°, 30%, 82%
HSV	219°, 13%, 87%
XYZ	57.0258, 59.9290, 77.6691
YIQ	203.0620, -11.7380, 3.4780

Conversions

Conversions Part 2

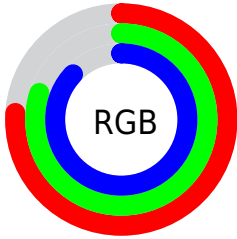
Format	Color
RYB	194, 201, 222
Decimal	12766430
CIELab	81.80, 0.16, -10.08
CIElCh	82, 10.082, 270.912
Yxy	59.9290, 0.2930, 0.3079
Android (android.graphics.Color)	4290956510 (0xFFC2CCDE)
YUV	203.0620, 9.3364, -7.9474
Hunter-Lab	77.4138, -3.9847, -5.2958

Details

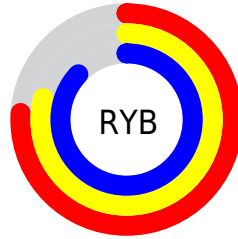
The XYZ color **57.0258, 59.9290, 77.6691** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.4056, 66.5112, 60.5362**, and the grayscale version is **56.7536, 59.7092, 65.0234**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **28.6966, 30.1782, 40.8717** is the 20% darker color. If you saturate the color by 10%, you get **48.5110, 50.7346, 76.3441**, and if you desaturate by 10%, it is **66.7061, 70.1887, 79.1402**.

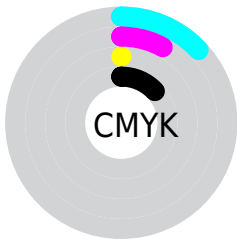
Distribution



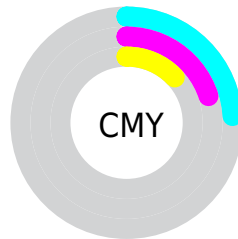
- Red (76%)
- Green (80%)
- Blue (87%)



- Red (76%)
- Yellow (79%)
- Blue (87%)



- Cyan (13%)
- Magenta (8%)
- Yellow (0%)
- Black (13%)



- Cyan (24%)
- Magenta (20%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.0258, 59.9290, 77.6691 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 57.0258, 59.9290, 77.6691 by changing the saturation by 10% instead.

■ 57.0258, 59.9290,
77.6691

■ 57.0258, 59.9290,
77.6691

403.5586,
424.3360, 506.5404

■ 41.2662, 43.3614,
57.2874

■ 99.6340, 104.7267,
131.8652

■ 28.7157, 30.1688,
40.8251

127.2132,
133.7255, 166.5166

■ 19.0091, 19.9667,
27.8638

159.4631,
167.6369, 206.7616

■ 11.7809, 12.3709,
17.9849

196.7489,
206.8453, 253.0189

■ 6.6658, 6.9968,
10.7698

239.4360,
251.7350, 305.7068

■ 3.2984, 3.4601,
5.8000

287.8897,

■ 1.3135, 1.3764,

302.6904, 365.2441

2.6571

342.4755,
360.0960, 432.0491

■ 0.1933, 0.1992,
0.9217

■ 0.0000, 0.0000,
0.0000

■ 57.0258, 59.9290,
77.6691

■ 57.0258, 59.9290,
77.6691

■ 48.5110, 50.7346,
76.3441

■ 66.7061, 70.1887,
79.1402

■ 41.1103, 42.5620,
75.1567

■ 77.5898, 81.5403,
80.7576

■ 34.7766, 35.3755,
74.1034

■ 87.6284, 92.9407,
82.4290

■ 29.4569, 29.1344,
73.1791

■ 90.1850, 98.0540,
83.2812

■ 25.0932, 23.7948,
72.3785

■ 21.6216, 19.3085,
71.6955

■ 18.9691, 15.6224,
71.1238

■ 17.0492, 12.6749,
70.6561

■ 16.0033, 10.9107,
70.3707

Harmonies

Analogous

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



54.9969, 59.9290, 76.0245



57.0258, 59.9290, 77.6691



59.0861, 59.9290, 75.8184

Triad

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



57.0258, 59.9290, 77.6691



60.5395, 59.9290, 59.4224



53.4634, 59.9290, 59.7261

Complementary

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



57.0258, 59.9290, 77.6691



63.4056, 66.5112, 60.5362

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.



54.8869, 59.9290, 55.7169



57.0258, 59.9290, 77.6691



58.9707, 59.9290, 55.5493

Square

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



57.0258, 59.9290, 77.6691



61.1456, 59.9290, 65.0663



56.8957, 59.9290, 54.2352



52.9713, 59.9290, 65.4390

Rectangle

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



57.0258, 59.9290, 77.6691



60.1921, 59.9290, 72.9140



56.8957, 59.9290, 54.2352



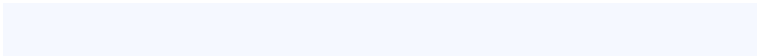
53.8471, 59.9290, 58.1474

Sweetspot

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



57.0276, 59.9315, 77.6704



89.3405, 94.0046, 108.0437



60.2205, 68.4529, 72.1509



18.8991, 19.8853, 23.0921



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.



57.0276, 59.9315, 77.6704



75.0034, 78.7581, 105.8565



55.6962, 55.8282, 76.9486



13.3508, 14.0406, 17.3941



9.6011, 6.6719, 41.8301



0.7481, 0.6277, 2.9270

Inverse Universe

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



60.3165, 58.4741, 65.2372



80.3297, 76.4934, 85.6995



64.8531, 71.0852, 61.3427



13.9085, 13.7810, 15.2884



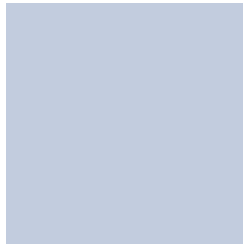
18.7864, 9.5816, 5.5410



1.3439, 0.6808, 0.6036

Previews

White Background



This preview shows how the XYZ color 57.0258, 59.9290, 77.6691 looks on a white background.

Color Contrast Check

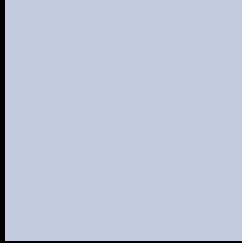
Large Text (above 18pt) WCAG AA × Fail

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 57.0258, 59.9290, 77.6691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

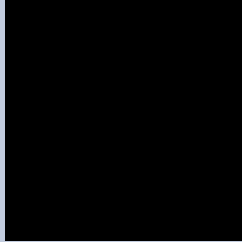
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

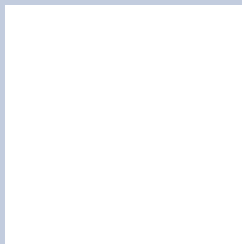
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.0258, 59.9290, 77.6691

Background



This preview shows how black text looks on a background with the XYZ color 57.0258, 59.9290, 77.6691.



This preview shows how white text looks on a background with the XYZ color 57.0258, 59.9290,

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

57.0258, 59.9290, 77.6691

Protanopia

58.5288, 60.0181, 76.9065

Deuteranopia

61.2449, 60.0120, 78.1676



Tritanopia

56.7593, 59.8224, 76.2655

Trichromacy



Original Color

57.0258, 59.9290, 77.6691

Protanomaly

57.9603, 60.0744, 76.9473

Deuteranomaly

59.7057, 59.9017, 78.2274

Tritanomaly

56.8921, 59.8755, 76.9652

Monochromacy



Original Color

57.0258, 59.9290, 77.6691

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.8082, 59.6444, 69.4912

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0258, 59.9290, 77.6691 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(194, 204, 222)` looks like.

```
.text, #text, p{  
    color:rgb(194, 204, 222)  
}
```

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(194, 204, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 204, 222) }
```

Border

The CSS property to change the border of an element to XYZ 57.0258, 59.9290, 77.6691 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(194, 204, 222) }
```


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

```
.border{ border-color:rgb(194, 204, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 204, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 204, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 204, 222);  
box-shadow:4px 4px 4px 4px rgb(194, 204,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0258, 59.9290, 77.6691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 204, 222) }
```

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

```
.background{ background-color: rgb(194,  
204, 222) }
```

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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