

Converting Colors

XYZ(58.5539, 61.2525, 76.2295)

Have a look what the booklet for
XYZ(58.5539, 61.2525, 76.2295)
contains.

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Color

**XYZ(58.5690, 61.1093,
76.4185)**

Conversions

Conversions Part 1

Format	Color
Hex	C8CDDC
RGB	200, 205, 220
RGB Percent	78%, 80%, 86%
CMY	0.2157, 0.1961, 0.1372
CMYK	0.09, 0.07, 0.00, 0.14
HSL	225°, 22%, 82%
HSV	225°, 9%, 86%
XYZ	58.5690, 61.1093, 76.4185
YIQ	205.2150, -7.7950, 3.6050

Conversions

Conversions Part 2

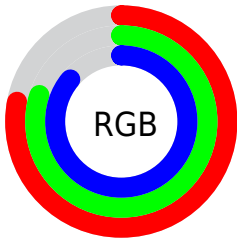
Format	Color
R _Y B	200, 204, 220
Decimal	13159900
CIE Lab	82.44, 1.18, -8.02
CIE LCh	82, 8.103, 278.382
Yxy	61.1093, 0.2987, 0.3116
Android (android.graphics.Color)	4291349980 (0xFFC8CDDC)
YUV	205.2150, 7.2890, -4.5736
Hunter-Lab	78.1724, -3.0645, -3.2390

Details

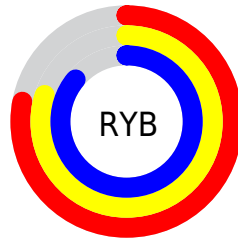
The XYZ color **58.5690, 61.1093, 76.4185** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.2412, 67.9862, 64.3815**, and the grayscale version is **58.1252, 61.1523, 66.5948**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.7122, 30.9608, 40.0073** is the 20% darker color. If you saturate the color by 10%, you get **49.3708, 50.8164, 74.9175**, and if you desaturate by 10%, it is **69.0323, 72.6754, 78.1005**.

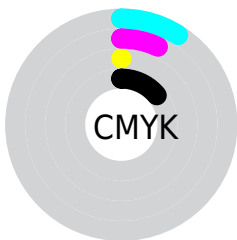
Distribution



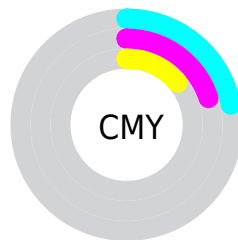
- Red (78%)
- Green (80%)
- Blue (86%)



- Red (78%)
- Yellow (80%)
- Blue (86%)



- Cyan (9%)
- Magenta (7%)
- Yellow (0%)
- Black (14%)



- Cyan (22%)
- Magenta (20%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.5690, 61.1093, 76.4185 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 58.5690, 61.1093, 76.4185 by changing the saturation by 10% instead.

■ 58.5690, 61.1093,
76.4185

■ 58.5690, 61.1093,
76.4185

409.2226,
428.6746, 502.1640

■ 42.5113, 44.3134,
56.2670

101.8692,
106.4372, 130.0838

■ 29.6947, 30.9170,
40.0116

129.8424,
135.7379, 164.4347

■ 19.7539, 20.5356,
27.2338

162.5182,
169.9757, 204.3559

■ 12.3235, 12.7850,
17.5149

200.2618,
209.5350, 250.2658

■ 7.0382, 7.2807,
10.4364

243.4387,
254.8002, 302.5830

■ 3.5325, 3.6382,
5.5799

292.4143,

■ 1.4412, 1.4733,

306.1555, 361.7261

2.5267

347.5538,
363.9856, 428.1136

■ 0.2853, 0.2698,
0.8543

■ 0.0000, 0.0000,
0.0000

■ 58.5690, 61.1093,
76.4185

■ 58.5690, 61.1093,
76.4185

■ 49.3708, 50.8164,
74.9175

■ 69.0323, 72.6754,
78.1005

■ 41.3837, 41.7447,
73.5875

■ 80.8015, 85.5490,
79.9650

■ 34.5573, 33.8500,
72.4234

■ 89.7576, 97.6257,
81.8240

■ 28.8358, 27.0825,
71.4187

■ 89.9184, 97.9474,
81.8776

■ 24.1586, 21.3883,
70.5662

■ 20.4589, 16.7093,
69.8580

■ 17.6616, 12.9810,
69.2858

■ 15.6797, 10.1306,
68.8401

■ 14.3836, 8.0606,
68.5088

Harmonies

Analogous

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



56.8652, 61.1093, 75.7967



58.5690, 61.1093, 76.4185



60.1733, 61.1093, 74.2914

Triad

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



58.5690, 61.1093, 76.4185



60.7304, 61.1093, 60.7939



55.0435, 61.1093, 63.0879

Complementary

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



58.5690, 61.1093, 76.4185



64.2412, 67.9862, 64.3815

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.



56.0408, 61.1093, 59.3431



58.5690, 61.1093, 76.4185



59.3172, 61.1093, 58.0651

Square

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



58.5690, 61.1093, 76.4185



61.4373, 61.1093, 65.1580



57.5988, 61.1093, 57.5475



54.8522, 61.1093, 67.9366

Rectangle

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



58.5690, 61.1093, 76.4185



60.9626, 61.1093, 71.6600



57.5988, 61.1093, 57.5475



55.2946, 61.1093, 61.6654

Sweetspot

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



58.5708, 61.1119, 76.4199



90.4886, 94.9723, 108.1700



61.6366, 68.3560, 74.0121



19.1133, 20.0464, 23.1119



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.



58.5708, 61.1119, 76.4199



79.1261, 82.3694, 106.3362



58.6586, 59.4088, 76.0865



12.6020, 13.1438, 16.5249



8.4592, 4.7878, 40.2167



0.6164, 0.4470, 2.6282

Inverse Universe

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



61.1903, 60.9333, 66.2968



83.5419, 82.1094, 89.2624



64.1419, 69.8551, 64.7474



13.1890, 13.1047, 14.2564



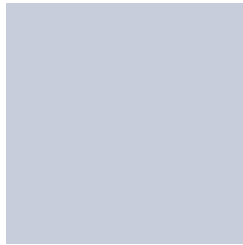
17.7651, 9.1071, 3.1433



1.1854, 0.6038, 0.3855

Previews

White Background



This preview shows how the XYZ color 58.5690, 61.1093, 76.4185 looks on a white background.

Color Contrast Check

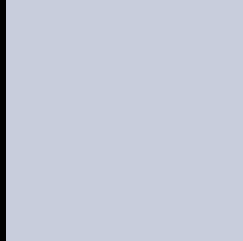
Large Text (above 18pt) WCAG AA × Fail

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 58.5690, 61.1093, 76.4185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

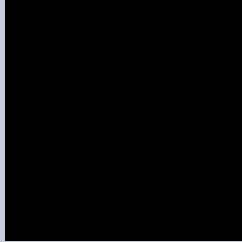
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.5690, 61.1093, 76.4185

Background



This preview shows how black text looks on a background with the XYZ color 58.5690, 61.1093, 76.4185.

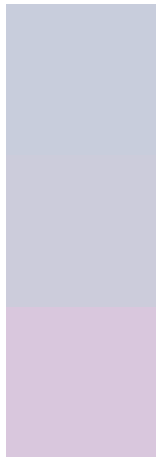


This preview shows how white text looks on a background with the XYZ color 58.5690, 61.1093,

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

58.5690, 61.1093, 76.4185

Protanopia

59.2809, 61.1376, 75.6941

Deuteranopia

62.0898, 60.8190, 76.8734



Tritanopia

58.7019, 61.1625, 77.1182

Trichromacy



Original Color

58.5690, 61.1093, 76.4185

Protanomaly

59.0077, 60.9967, 75.6813

Deuteranomaly

60.8018, 60.8426, 76.9458

Tritanomaly

58.7019, 61.1625, 77.1182

Monochromacy



Original Color

58.5690, 61.1093, 76.4185

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.0928, 61.0123, 69.6875

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5690, 61.1093, 76.4185 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(200, 205, 220) looks like.

```
.text, #text, p{  
    color:rgb(200, 205, 220)  
}
```

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(200, 205, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 205, 220) }
```

Border

The CSS property to change the border of an element to XYZ 58.5690, 61.1093, 76.4185 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(200, 205, 220) }
```


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

```
.border{ border-color:rgb(200, 205, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 205, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 205, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 205, 220);  
box-shadow:4px 4px 4px 4px rgb(200, 205,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5690, 61.1093, 76.4185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 205, 220) }
```

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

```
.background{ background-color: rgb(200,  
205, 220) }
```

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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