

Converting Colors

XYZ(59.1884, 64.5073, 76.3539)

Have a look what the booklet for
XYZ(59.1884, 64.5073, 76.3539)
contains.

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Color

**XYZ(59.0861, 64.3051,
76.3158)**

Conversions

Conversions Part 1

Format	Color
Hex	C3D5DB
RGB	195, 213, 219
RGB Percent	76%, 84%, 86%
CMY	0.2353, 0.1647, 0.1412
CMYK	0.11, 0.03, 0.00, 0.14
HSL	195°, 25%, 81%
HSV	195°, 11%, 86%
XYZ	59.0861, 64.3051, 76.3158
YIQ	208.3020, -12.6540, -1.9500

Conversions

Conversions Part 2

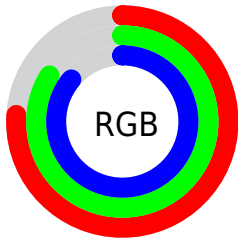
Format	Color
RYB	195, 205, 219
Decimal	12834267
CIELab	84.12, -4.84, -5.03
CIELCh	84, 6.980, 226.085
Yxy	64.3051, 0.2959, 0.3220
Android (android.graphics.Color)	4291024347 (0xFFC3D5DB)
YUV	208.3020, 5.2741, -11.6659
Hunter-Lab	80.1905, -8.8106, -0.2919

Details

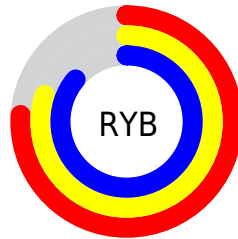
The XYZ color **59.0861, 64.3051, 76.3158** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.9507, 60.7731, 60.2014**, and the grayscale version is **60.1244, 63.2555, 68.8853**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **29.9122, 32.7968, 39.8758** is the 20% darker color. If you saturate the color by 10%, you get **52.4845, 58.8946, 75.6204**, and if you desaturate by 10%, it is **66.5678, 70.2417, 77.0684**.

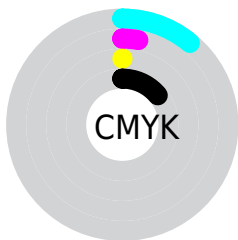
Distribution



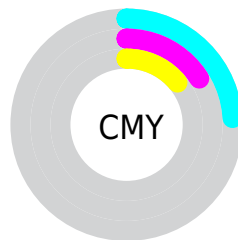
- Red (76%)
- Green (84%)
- Blue (86%)



- Red (76%)
- Yellow (80%)
- Blue (86%)



- Cyan (11%)
- Magenta (3%)
- Yellow (0%)
- Black (14%)



- Cyan (24%)
- Magenta (16%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.0861, 64.3051, 76.3158 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 59.0861, 64.3051, 76.3158 by changing the saturation by 10% instead.

■ 59.0861, 64.3051,
76.3158

■ 59.0861, 64.3051,
76.3158

411.1098,
440.2906, 501.8036

■ 42.9291, 46.8978,
56.1833

102.6167,
111.0502, 129.9374

■ 30.0237, 32.9549,
39.9449

130.7210,
141.1568, 164.2635

■ 20.0048, 22.0919,
27.1821

163.5384,
176.2654, 204.1580

■ 12.5068, 13.9244,
17.4764

201.4343,
216.7602, 250.0393

■ 7.1645, 8.0681,
10.4092

244.7740,
263.0258, 302.3260

■ 3.6124, 4.1386,
5.5620

293.9230,

■ 1.4853, 1.7514,

315.4464, 361.4365

2.5162

349.2464,
374.4066, 427.7896

■ 0.3158, 0.4566,
0.8487

■ 0.0000, 0.0000,
0.0000

■ 59.0861, 64.3051,
76.3158

■ 59.0861, 64.3051,
76.3158

■ 52.4845, 58.8946,
75.6204

■ 66.5678, 70.2417,
77.0684

■ 46.7211, 53.9827,
74.9761

■ 74.9581, 76.7147,
77.8756

■ 41.7584, 49.5512,
74.3823

■ 82.1623, 82.6465,
78.6408

■ 37.5543, 45.5777,
73.8369

■ 83.7041, 85.7300,
79.1547

■ 34.0624, 42.0375,
73.3376

■ 85.2941, 88.9100,
79.6847

■ 31.2309, 38.9033,
72.8819

■ 86.9327, 92.1872,
80.2309

■ 29.0007, 36.1438,
72.4668

■ 88.6203, 95.5624,
80.7935

■ 27.3013, 33.7220,
72.0889

■ 89.7864, 97.8946,
81.1821

■ 26.1121, 31.7660,
71.7741

Harmonies

Analogous

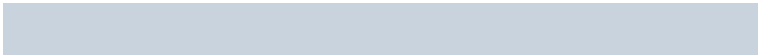
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



58.3145, 64.3051, 72.3971



59.0861, 64.3051, 76.3158



60.4097, 64.3051, 78.5894

Triad

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



59.0861, 64.3051, 76.3158



64.0442, 64.3051, 72.0797



60.3020, 64.3051, 62.1693

Complementary

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



59.0861, 64.3051, 76.3158



59.9507, 60.7731, 60.2014

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.



61.8360, 64.3051, 62.0924



59.0861, 64.3051, 76.3158



64.0142, 64.3051, 67.6903

Square

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



59.0861, 64.3051, 76.3158



63.2815, 64.3051, 76.0751



63.2002, 64.3051, 64.0753



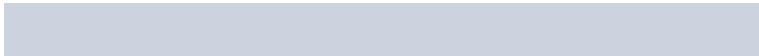
59.0085, 64.3051, 64.2900

Rectangle

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



59.0861, 64.3051, 76.3158



61.4350, 64.3051, 78.8071



63.2002, 64.3051, 64.0753



60.8062, 64.3051, 61.9067

Sweetspot

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



59.0880, 64.3078, 76.3172



91.6846, 97.3643, 108.5686



58.3338, 66.4645, 64.7674



19.4360, 20.6917, 23.2195



0.0000, 0.0000, 0.0000



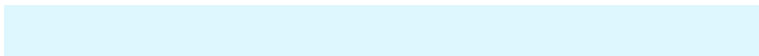
20.3446, 21.4041, 23.3091

Same Dimension

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



59.0880, 64.3078, 76.3172



81.3025, 89.0745, 107.5157



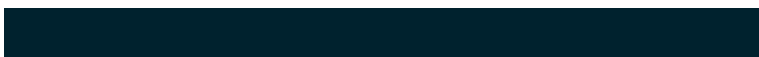
56.2729, 58.6777, 75.3789



13.1550, 14.2498, 16.7093



15.5740, 19.0174, 42.5883



1.0756, 1.3653, 2.7813

Inverse Universe

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



60.7402, 58.8956, 71.1206



84.0663, 80.1208, 98.8010



62.7585, 66.3888, 61.1374



13.4681, 13.2163, 15.7263



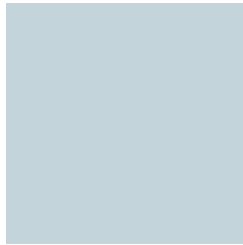
21.3564, 10.5436, 22.0544



1.4172, 0.6965, 1.6059

Previews

White Background



This preview shows how the XYZ color 59.0861, 64.3051, 76.3158 looks on a white background.

Color Contrast Check

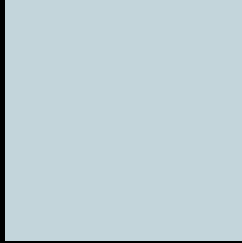
Large Text (above 18pt) WCAG AA × Fail

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 59.0861, 64.3051, 76.3158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

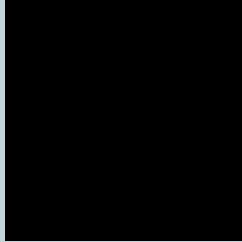
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

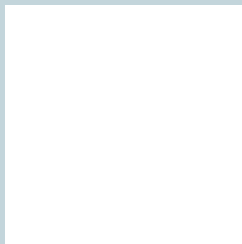
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.0861, 64.3051, 76.3158

Background



This preview shows how black text looks on a background with the XYZ color 59.0861, 64.3051, 76.3158.



This preview shows how white text looks on a background with the XYZ color 59.0861, 64.3051,

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

59.0861, 64.3051, 76.3158

Protanopia

61.8145, 63.9185, 74.0453

Deuteranopia

65.4584, 63.9399, 77.2982



Tritanopia

60.5730, 64.5587, 82.6673

Trichromacy



Original Color

59.0861, 64.3051, 76.3158

Protanomaly

60.7478, 64.0821, 74.8130

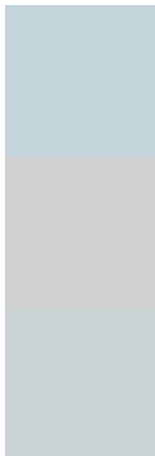
Deuteranomaly

62.9626, 64.0891, 76.7621

Tritanomaly

59.8990, 64.2590, 80.4804

Monochromacy



Original Color

59.0861, 64.3051, 76.3158

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.5589, 63.5432, 71.4133

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0861, 64.3051, 76.3158 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(195, 213, 219)` looks like.

```
.text, #text, p{  
    color:rgb(195, 213, 219)  
}
```

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(195, 213, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 213, 219) }
```

Border

The CSS property to change the border of an element to XYZ 59.0861, 64.3051, 76.3158 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(195, 213, 219) }
```


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

```
.border{ border-color:rgb(195, 213, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 213, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 213, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 213, 219);  
box-shadow:4px 4px 4px 4px rgb(195, 213,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0861, 64.3051, 76.3158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 213, 219) }
```

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

```
.background{ background-color: rgb(195,  
213, 219) }
```

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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