

Converting Colors

XYZ(58.7910, 63.8096, 77.5873)

Have a look what the booklet for
XYZ(58.7910, 63.8096, 77.5873)
contains.

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Color

**XYZ(58.8428, 63.7768,
77.6154)**

Conversions

Conversions Part 1

Format	Color
Hex	C2D4DD
RGB	194, 212, 221
RGB Percent	76%, 83%, 87%
CMY	0.2392, 0.1686, 0.1333
CMYK	0.12, 0.04, 0.00, 0.13
HSL	200°, 28%, 81%
HSV	200°, 12%, 87%
XYZ	58.8428, 63.7768, 77.6154
YIQ	207.6440, -13.6170, -1.0170

Conversions

Conversions Part 2

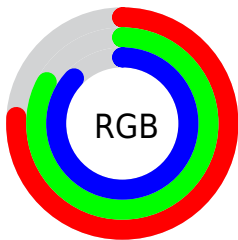
Format	Color
RYB	194, 205, 221
Decimal	12768477
CIELab	83.85, -4.24, -6.51
CIELCh	84, 7.767, 236.887
Yxy	63.7768, 0.2939, 0.3185
Android (android.graphics.Color)	4290958557 (0xFFC2D4DD)
YUV	207.6440, 6.5845, -11.9658
Hunter-Lab	79.8604, -8.2331, -1.7210

Details

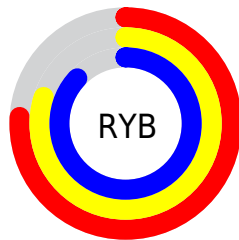
The XYZ color **58.8428, 63.7768, 77.6154** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.9127, 61.9788, 59.7928**, and the grayscale version is **59.6904, 62.7989, 68.3881**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **29.7551, 32.4426, 40.7702** is the 20% darker color. If you saturate the color by 10%, you get **51.7885, 57.4709, 76.7711**, and if you desaturate by 10%, it is **66.8283, 70.6908, 78.5301**.

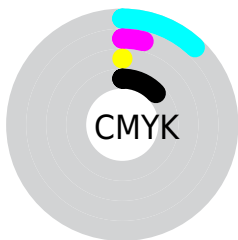
Distribution



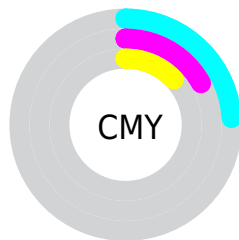
- Red (76%)
- Green (83%)
- Blue (87%)



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



- Cyan (12%)
- Magenta (4%)
- Yellow (0%)
- Black (13%)



- Cyan (24%)
- Magenta (17%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.8428, 63.7768, 77.6154 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 58.8428, 63.7768, 77.6154 by changing the saturation by 10% instead.

■ 58.8428, 63.7768,
77.6154

■ 58.8428, 63.7768,
77.6154

410.2225,
438.3832, 506.3530

■ 42.7325, 46.4699,
57.2435

■ 102.2651,
110.2894, 131.7887

■ 29.8689, 32.6168,
40.7901

130.3078,
140.2640, 166.4273

■ 19.8867, 21.8331,
27.8367

163.0586,
175.2298, 206.6585

■ 12.4205, 13.7343,
17.9646

200.8829,
215.5715, 252.9009

■ 7.1049, 7.9361,
10.7554

244.1461,
261.6732, 305.5730

■ 3.5747, 4.0541,
5.7905

293.2136,

■ 1.4645, 1.7039,

313.9195, 365.0933

2.6514

348.4506,
372.6947, 431.8805

■ 0.3015, 0.4262,
0.9188

■ 0.0000, 0.0000,
0.0000

■ 58.8428, 63.7768,
77.6154

■ 58.8428, 63.7768,
77.6154

■ 51.7885, 57.4709,
76.7711

■ 66.8283, 70.6908,
78.5301

■ 45.6216, 51.7439,
75.9907

■ 75.7754, 78.2250,
79.5127

■ 40.3030, 46.5755,
75.2734

■ 83.7419, 85.3816,
80.4742

■ 35.7883, 41.9411,
74.6168

■ 85.8834, 89.6647,
81.1881

■ 32.0288, 37.8139,
74.0183

■ 88.1132, 94.1242,
81.9313

■ 28.9699, 34.1641,
73.4750

■ 90.0513, 98.0005,
82.5774

■ 26.5494, 30.9575,
72.9837

■ 24.6923, 28.1539,
72.5404

■ 23.5410, 26.1999,
72.2239

Harmonies

Analogous

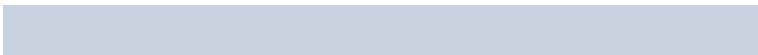
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



57.7379, 63.7768, 73.7797



58.8428, 63.7768, 77.6154



60.4399, 63.7768, 79.2558

Triad

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



58.8428, 63.7768, 77.6154



63.9542, 63.7768, 69.9537



59.1459, 63.7768, 61.3924

Complementary

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



58.8428, 63.7768, 77.6154



60.9127, 61.9788, 59.7928

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.



60.7963, 63.7768, 60.4739



58.8428, 63.7768, 77.6154



63.5922, 63.7768, 65.2779

Square

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



58.8428, 63.7768, 77.6154



63.4084, 63.7768, 74.7040



62.4284, 63.7768, 61.8637



57.9106, 63.7768, 64.4333

Rectangle

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



58.8428, 63.7768, 77.6154



61.5762, 63.7768, 78.8291



62.4284, 63.7768, 61.8637



59.6696, 63.7768, 60.8315

Sweetspot

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



58.8447, 63.7795, 77.6168



90.3217, 95.9671, 108.3708



58.8316, 67.4737, 66.1433



19.1474, 20.3819, 23.1749



0.0000, 0.0000, 0.0000



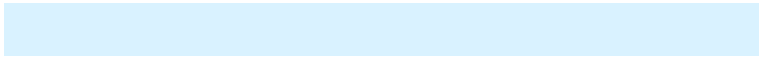
20.3446, 21.4041, 23.3091

Same Dimension

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



58.8447, 63.7795, 77.6168



78.4189, 85.5892, 106.9950



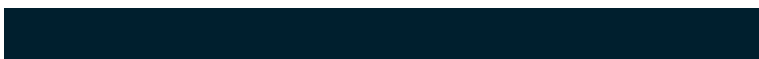
55.7124, 57.5149, 76.5727



13.0603, 14.0604, 16.6777



13.7832, 15.4359, 41.9914



0.9709, 1.1559, 2.7464

Inverse Universe

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



60.9957, 58.7106, 70.4079



82.0537, 77.1830, 94.7779



64.1261, 68.4057, 60.8640



13.4203, 13.1972, 15.4746



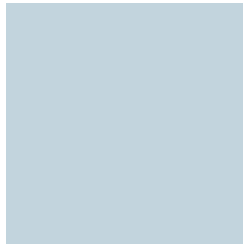
20.4525, 10.1820, 17.2946



1.3644, 0.6754, 1.3277

Previews

White Background



This preview shows how the XYZ color 58.8428, 63.7768, 77.6154 looks on a white background.

Color Contrast Check

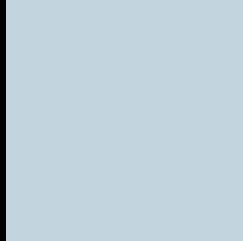
Large Text (above 18pt) WCAG AA × Fail

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 58.8428, 63.7768, 77.6154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

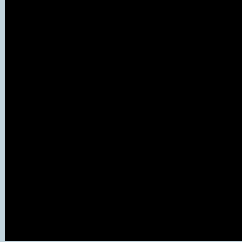
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

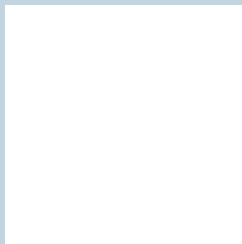
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.8428, 63.7768, 77.6154

Background



This preview shows how black text looks on a background with the XYZ color 58.8428, 63.7768, 77.6154.



This preview shows how white text looks on a background with the XYZ color 58.8428, 63.7768,

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

58.8428, 63.7768, 77.6154

Protanopia

61.7891, 63.8753, 75.4022

Deuteranopia

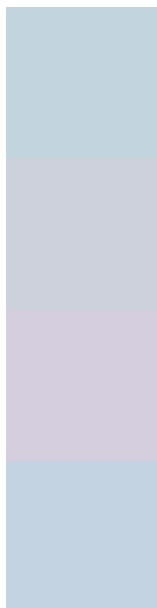
65.1066, 63.7276, 78.6812



Tritanopia

59.8035, 63.7921, 82.5599

Trichromacy



Original Color

58.8428, 63.7768, 77.6154

Protanomaly

60.4885, 63.5528, 76.0967

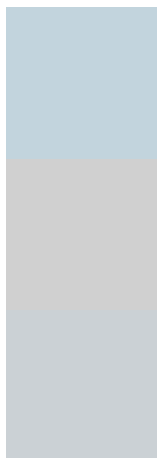
Deuteranomaly

62.4075, 63.4136, 78.0581

Tritanomaly

59.3905, 63.6269, 80.3852

Monochromacy



Original Color

58.8428, 63.7768, 77.6154

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.4393, 63.1015, 71.9978

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8428, 63.7768, 77.6154 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, 212, 221)` looks like.

```
.text, #text, p{  
    color:rgb(194, 212, 221)  
}
```

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, 212, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 212, 221) }
```

Border

The CSS property to change the border of an element to XYZ 58.8428, 63.7768, 77.6154 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, 212, 221) }
```


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

```
.border{ border-color:rgb(194, 212, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 212, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 212, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 212, 221);  
box-shadow:4px 4px 4px 4px rgb(194, 212,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8428, 63.7768, 77.6154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 212, 221) }
```

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

```
.background{ background-color: rgb(194,  
212, 221) }
```

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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