

Converting Colors

XYZ(60.6950, 65.3145, 76.6386)

Have a look what the booklet for
XYZ(60.6950, 65.3145, 76.6386)
contains.

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Color

**XYZ(60.3998, 64.9823,
76.3773)**

Conversions

Conversions Part 1

Format	Color
Hex	C8D5DB
RGB	200, 213, 219
RGB Percent	78%, 84%, 86%
CMY	0.2157, 0.1647, 0.1412
CMYK	0.09, 0.03, 0.00, 0.14
HSL	199°, 21%, 82%
HSV	199°, 9%, 86%
XYZ	60.3998, 64.9823, 76.3773
YIQ	209.7970, -9.6740, -0.8900

Conversions

Conversions Part 2

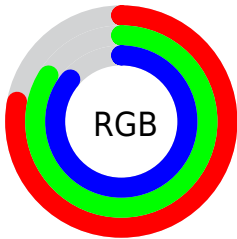
Format	Color
R _Y B	200, 208, 219
Decimal	13161947
CIE Lab	84.47, -3.21, -4.47
CIE LCh	84, 5.506, 234.317
Yxy	64.9823, 0.2994, 0.3221
Android (android.graphics.Color)	4291352027 (0xFFC8D5DB)
YUV	209.7970, 4.5371, -8.5920
Hunter-Lab	80.6116, -7.3257, 0.2525

Details

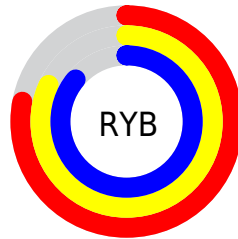
The XYZ color **60.3998, 64.9823, 76.3773** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.7103, 63.3723, 63.6242**, and the grayscale version is **61.1027, 64.2848, 70.0061**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.7818, 33.2450, 39.9165** is the 20% darker color. If you saturate the color by 10%, you get **53.2634, 58.7788, 75.5570**, and if you desaturate by 10%, it is **68.4519, 71.7714, 77.2643**.

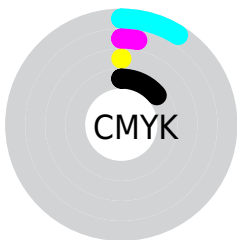
Distribution



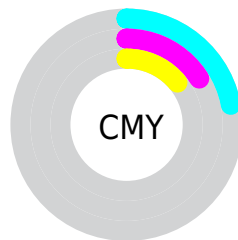
- Red (78%)
- Green (84%)
- Blue (86%)



- Red (78%)
- Yellow (82%)
- Blue (86%)



- Cyan (9%)
- Magenta (3%)
- Yellow (0%)
- Black (14%)



- Cyan (22%)
- Magenta (16%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.3998, 64.9823, 76.3773 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 60.3998, 64.9823, 76.3773 by changing the saturation by 10% instead.

■ 60.3998, 64.9823,
76.3773

■ 60.3998, 64.9823,
76.3773

415.8810,
442.7284, 502.0195

■ 43.9917, 47.4467,
56.2334

104.5125,
112.0244, 130.0251

■ 30.8618, 33.3889,
39.9849

132.9477,
142.2997, 164.3661

■ 20.6450, 22.4246,
27.2130

166.1227,
177.5904, 204.2765

■ 12.9757, 14.1692,
17.4994

204.4027,
218.2809, 250.1749

■ 7.4887, 8.2384,
10.4255

248.1532,
264.7555, 302.4799

■ 3.8186, 4.2479,
5.5727

297.7395,

■ 1.6000, 1.8132,

317.3987, 361.6100

2.5225

353.5270,
376.5949, 427.9836

■ 0.3924, 0.4954,
0.8520

■ 0.0000, 0.0000,
0.0000

■ 60.3998, 64.9823,
76.3773

■ 60.3998, 64.9823,
76.3773

■ 53.2634, 58.7788,
75.5570

■ 68.4519, 71.7714,
77.2643

■ 47.0007, 53.1326,
74.7973

■ 77.4482, 79.1569,
78.2157

■ 41.5746, 48.0249,
74.0974

■ 83.3755, 85.0729,
79.0452

■ 36.9432, 43.4329,
73.4551

■ 85.3791, 89.0800,
79.7131

■ 33.0606, 39.3313,
72.8681

■ 87.4603, 93.2424,
80.4068

■ 29.8760, 35.6925,
72.3336

■ 89.6199, 97.5616,
81.1267

■ 27.3316, 32.4852,
71.8486

■ 89.7864, 97.8946,
81.1822

■ 25.3595, 29.6729,
71.4097

■ 23.8565, 27.2008,
71.0118

Harmonies

Analogous

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



59.6418, 64.9823, 73.5693



60.3998, 64.9823, 76.3773



61.5307, 64.9823, 77.6827

Triad

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



60.3998, 64.9823, 76.3773



64.1376, 64.9823, 71.4249



60.7988, 64.9823, 64.7830

Complementary

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



60.3998, 64.9823, 76.3773



61.7103, 63.3723, 63.6242

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.



61.9973, 64.9823, 64.2514



60.3998, 64.9823, 76.3773



63.9354, 64.9823, 68.0128

Square

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



60.3998, 64.9823, 76.3773



63.6970, 64.9823, 74.7634



63.1480, 64.9823, 65.4150



59.8700, 64.9823, 66.8919

Rectangle

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



60.3998, 64.9823, 76.3773



62.3481, 64.9823, 77.4951



63.1480, 64.9823, 65.4150



61.1830, 64.9823, 64.4169

Sweetspot

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



60.4017, 64.9850, 76.3787



91.5259, 97.0470, 108.5158



60.2561, 67.3851, 68.0334



19.3931, 20.6059, 23.2052



0.0000, 0.0000, 0.0000



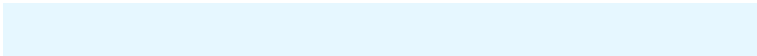
20.3446, 21.4041, 23.3091

Same Dimension

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



60.4017, 64.9850, 76.3787



83.7689, 90.4524, 107.6517



58.1520, 60.4856, 75.6288



13.0802, 14.1002, 16.6844



14.1394, 16.1483, 42.1101



0.9920, 1.1982, 2.7534

Inverse Universe

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



61.8794, 61.1739, 71.5003



86.1789, 84.2881, 99.6837



63.9912, 67.9341, 64.3845



13.4304, 13.2012, 15.5276



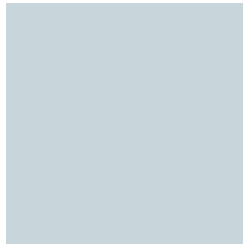
20.6323, 10.2539, 18.2413



1.3750, 0.6796, 1.3838

Previews

White Background



This preview shows how the XYZ color 60.3998, 64.9823, 76.3773 looks on a white background.

Color Contrast Check

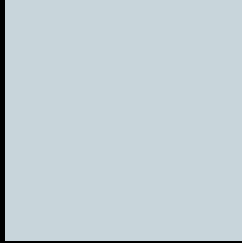
Large Text (above 18pt) WCAG AA × Fail

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 60.3998, 64.9823, 76.3773 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

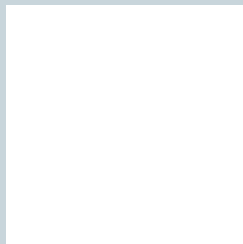
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.3998, 64.9823, 76.3773

Background



This preview shows how black text looks on a background with the XYZ color 60.3998, 64.9823, 76.3773.



This preview shows how white text looks on a background with the XYZ color 60.3998, 64.9823,

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

60.3998, 64.9823, 76.3773

Protanopia

62.4762, 64.6077, 74.8233

Deuteranopia

66.0080, 64.5749, 77.3918



Tritanopia

61.9042, 65.2450, 82.7296

Trichromacy



Original Color

60.3998, 64.9823, 76.3773

Protanomaly

61.7139, 64.5650, 75.5393

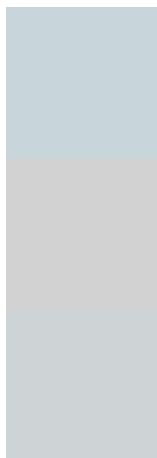
Deuteranomaly

63.8464, 64.5447, 76.8034

Tritanomaly

61.2215, 64.9407, 80.5423

Monochromacy



Original Color

60.3998, 64.9823, 76.3773

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.7581, 64.5144, 72.2010

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3998, 64.9823, 76.3773 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, 213, 219) looks like.

```
.text, #text, p{  
    color:rgb(200, 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(200, 213, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 213, 219) }
```

Border

The CSS property to change the border of an element to XYZ 60.3998, 64.9823, 76.3773 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, 213, 219) }
```


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

```
.border{ border-color:rgb(200, 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(200, 213, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 213, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 213, 219);  
box-shadow:4px 4px 4px 4px rgb(200, 213,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3998, 64.9823, 76.3773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 213, 219) }
```

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

```
.background{ background-color: rgb(200,  
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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