

Converting Colors

XYZ(60.1389, 65.3010, 80.0432)

Have a look what the booklet for
XYZ(60.1389, 65.3010, 80.0432)
contains.

XYZ(60.0068, 65.0771, 79.9194)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(60.0068, 65.0771,
79.9194)**

Conversions

Conversions Part 1

Format	Color
Hex	C3D6E0
RGB	195, 214, 224
RGB Percent	76%, 84%, 88%
CMY	0.2353, 0.1608, 0.1216
CMYK	0.13, 0.04, 0.00, 0.12
HSL	201°, 32%, 82%
HSV	201°, 13%, 88%
XYZ	60.0068, 65.0771, 79.9194
YIQ	209.4590, -14.5340, -0.9180

Conversions

Conversions Part 2

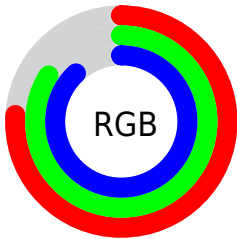
Format	Color
R _Y B	195, 206, 224
Decimal	12834528
CIE Lab	84.52, -4.36, -7.09
CIE LCh	85, 8.325, 238.444
Yxy	65.0771, 0.2927, 0.3174
Android (android.graphics.Color)	4291024608 (0xFFC3D6E0)
YUV	209.4590, 7.1687, -12.6805
Hunter-Lab	80.6704, -8.3956, -2.2688

Details

The XYZ color **60.0068, 65.0771, 79.9194** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.4224, 63.4497, 60.5880**, and the grayscale version is **60.8671, 64.0369, 69.7362**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **30.5441, 33.3236, 42.3584** is the 20% darker color. If you saturate the color by 10%, you get **52.7399, 58.4998, 79.0339**, and if you desaturate by 10%, it is **68.2384, 72.2927, 80.8793**.

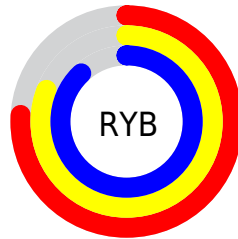
Distribution



Red (76%)

Green (84%)

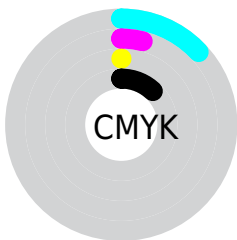
Blue (88%)



Red (76%)

Yellow (81%)

Blue (88%)

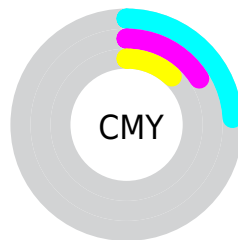


Cyan (13%)

Magenta (4%)

Yellow (0%)

Black (12%)



Cyan (24%)

Magenta (16%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.0068, 65.0771, 79.9194 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 60.0068, 65.0771, 79.9194 by changing the saturation by 10% instead.

■ 60.0068, 65.0771,
79.9194

■ 60.0068, 65.0771,
79.9194

414.4572,
443.0690, 514.3608

■ 43.6736, 47.5236,
59.1263

103.9458,
112.1607, 135.0628

■ 30.6108, 33.4498,
42.2941

132.2823,
142.4596, 170.2501

■ 20.4530, 22.4712,
29.0043

165.3507,
177.7757, 211.0725

■ 12.8350, 14.2036,
18.8385

203.5162,
218.4935, 257.9487

■ 7.3912, 8.2624,
11.3780

247.1443,
264.9973, 311.2970

■ 3.7564, 4.2633,
6.2043

296.6002,

■ 1.5653, 1.8219,

317.6716, 371.5361

2.8989

352.2494,
376.9007, 439.0845

■ 0.3696, 0.5008,
1.0433

■ 0.0000, 0.0000,
0.0000

■ 60.0068, 65.0771,
79.9194

■ 60.0068, 65.0771,
79.9194

■ 52.7399, 58.4998,
79.0339

■ 68.2384, 72.2927,
80.8793

■ 46.3922, 52.5303,
78.2162

■ 77.4663, 80.1596,
81.9114

■ 40.9228, 47.1474,
77.4655

■ 85.0282, 87.3087,
82.8928

■ 36.2855, 42.3251,
76.7791

■ 87.3144, 91.8812,
83.6549

■ 32.4293, 38.0353,
76.1543

■ 89.6981, 96.6486,
84.4494

■ 29.2973, 34.2466,
75.5881

■ 90.4547, 98.1619,
84.7017

■ 26.8241, 30.9230,
75.0769

■ 24.9308, 28.0218,
74.6167

■ 23.8549, 26.1822,
74.3184

Harmonies

Analogous

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



58.7717, 65.0771, 75.8332



60.0068, 65.0771, 79.9194



61.7571, 65.0771, 81.5623

Triad

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



60.0068, 65.0771, 79.9194



65.4865, 65.0771, 71.1354



60.1712, 65.0771, 62.2540

Complementary

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



60.0068, 65.0771, 79.9194



62.4224, 63.4497, 60.5880

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.



61.9507, 65.0771, 61.1336



60.0068, 65.0771, 79.9194



65.0418, 65.0771, 66.1051

Square

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



60.0068, 65.0771, 79.9194



64.9418, 65.0771, 76.3366



63.7384, 65.0771, 62.5086



58.8653, 65.0771, 65.6478

Rectangle

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



60.0068, 65.0771, 79.9194



62.9887, 65.0771, 80.9917



63.7384, 65.0771, 62.5086



60.7327, 65.0771, 61.6067

Sweetspot

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



60.0087, 65.0798, 79.9209



90.2850, 95.8936, 108.3585



60.1417, 69.3062, 67.7556



19.1381, 20.3633, 23.1718



0.0000, 0.0000, 0.0000



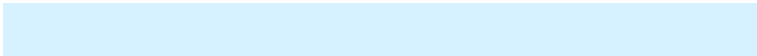
20.3446, 21.4041, 23.3091

Same Dimension

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



60.0087, 65.0798, 79.9209



77.2762, 84.4187, 106.8293



56.5771, 58.2165, 78.7770



13.6980, 14.7352, 17.5099



13.9962, 15.4619, 43.2951



1.0526, 1.2367, 3.0285

Inverse Universe

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



62.3947, 59.7339, 71.8628



81.2048, 75.8015, 93.5198



65.9669, 70.5386, 61.7694



14.0838, 13.8512, 16.2115



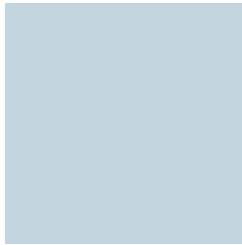
21.0048, 10.4689, 17.2230



1.4976, 0.7423, 1.4130

Previews

White Background



This preview shows how the XYZ color 60.0068, 65.0771, 79.9194 looks on a white background.

Color Contrast Check

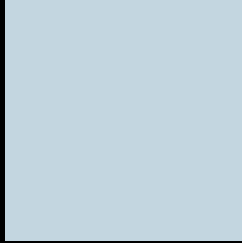
Large Text (above 18pt) WCAG AA × Fail

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 60.0068, 65.0771, 79.9194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

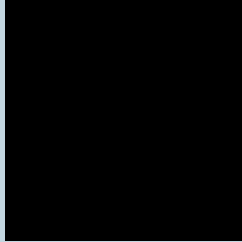
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

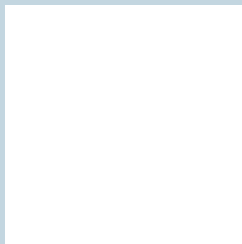
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.0068, 65.0771, 79.9194

Background



This preview shows how black text looks on a background with the XYZ color 60.0068, 65.0771, 79.9194.

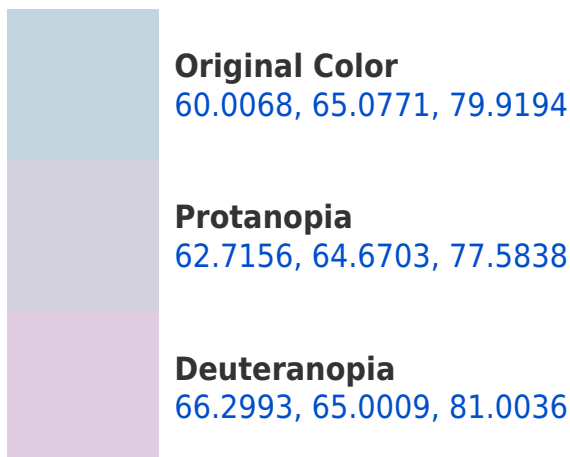


This preview shows how white text looks on a background with the XYZ color 60.0068, 65.0771,

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





Tritanopia

60.8421, 65.0374, 84.2097

Trichromacy



Original Color

60.0068, 65.0771, 79.9194

Protanomaly

61.6559, 64.8416, 78.3733

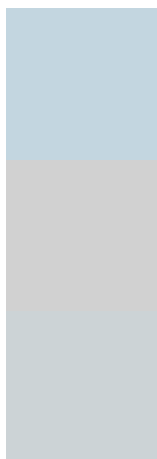
Deuteranomaly

63.5871, 64.6941, 80.3700

Tritanomaly

60.5628, 64.9257, 82.7387

Monochromacy



Original Color

60.0068, 65.0771, 79.9194

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.3337, 64.2809, 72.8459

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0068, 65.0771, 79.9194 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, 214, 224)` looks like.

```
.text, #text, p{  
    color:rgb(195, 214, 224)  
}
```

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, 214, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 214, 224) }
```

Border

The CSS property to change the border of an element to XYZ 60.0068, 65.0771, 79.9194 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, 214, 224) }
```


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

```
.border{ border-color:rgb(195, 214, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 214, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 214, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 214, 224);  
box-shadow:4px 4px 4px 4px rgb(195, 214,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0068, 65.0771, 79.9194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 214, 224) }
```

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

```
.background{ background-color: rgb(195,  
214, 224) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor