

Converting Colors

XYZ(65.7730, 71.2972, 79.6562)

Have a look what the booklet for
XYZ(65.7730, 71.2972, 79.6562)
contains.

XYZ(65.6006, 71.0718, 79.3679)	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(65.6006, 71.0718,
79.3679)**

Conversions

Conversions Part 1

Format	Color
Hex	D1DEDE
RGB	209, 222, 222
RGB Percent	82%, 87%, 87%
CMY	0.1804, 0.1294, 0.1294
CMYK	0.06, 0.00, 0.00, 0.13
HSL	180°, 16%, 85%
HSV	180°, 6%, 87%
XYZ	65.6006, 71.0718, 79.3679
YIQ	218.1130, -7.7480, -2.7560

Conversions

Conversions Part 2

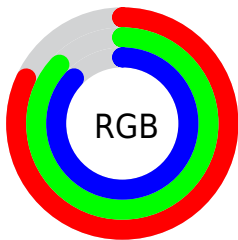
Format	Color
R _Y B	209, 216, 222
Decimal	13754078
CIE Lab	87.52, -4.34, -1.51
CIE LCh	88, 4.594, 199.211
Yxy	71.0718, 0.3036, 0.3290
Android (android.graphics.Color)	4291944158 (0xFFD1DEDE)
YUV	218.1130, 1.9163, -7.9921
Hunter-Lab	84.3041, -8.6337, 3.1944

Details

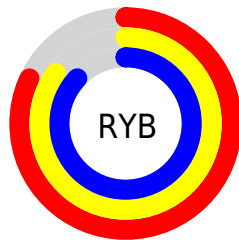
The XYZ color **65.6006, 71.0718, 79.3679** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.4359, 65.7359, 69.6172**, and the grayscale version is **66.7112, 70.1854, 76.4319**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.3113, 37.3960, 41.9690** is the 20% darker color. If you saturate the color by 10%, you get **59.7517, 68.0587, 79.0914**, and if you desaturate by 10%, it is **72.3288, 74.5422, 79.6885**.

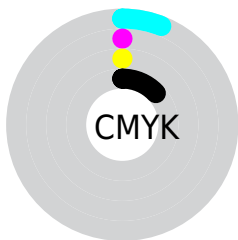
Distribution



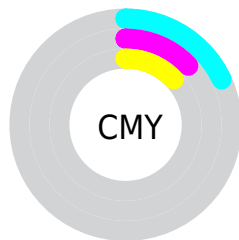
- Red (82%)
- Green (87%)
- Blue (87%)



- Red (82%)
- Yellow (85%)
- Blue (87%)



- Cyan (6%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)



- Cyan (18%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.6006, 71.0718, 79.3679 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 65.6006, 71.0718, 79.3679 by changing the saturation by 10% instead.

■ 65.6006, 71.0718,
79.3679

■ 65.6006, 71.0718,
79.3679

434.4583,
464.3044, 512.4505

■ 48.2148, 52.4008,
58.6752

111.9738,
120.7360, 134.2800

■ 34.2089, 37.3246,
41.9335

141.6919,
152.4979, 169.3366

■ 23.2178, 25.4589,
28.7240

176.2514,
189.3923, 210.0181

■ 14.8760, 16.4193,
18.6284

216.0177,
231.8035, 256.7433

■ 8.8182, 9.8214,
11.2280

261.3563,
280.1159, 309.9306

■ 4.6789, 5.2807,
6.1043

312.6323,

■ 2.0929, 2.4129,

334.7139, 369.9985

2.8388

370.2112,
395.9819, 437.3657

■ 0.6854, 0.8325,
1.0129

■ 0.0000, 0.0000,
0.0000

■ 65.6006, 71.0718,
79.3679

■ 65.6006, 71.0718,
79.3679

■ 59.7517, 68.0587,
79.0914

■ 72.3288, 74.5422,
79.6885

■ 54.7401, 65.4752,
78.8526


■ 79.9641, 78.4782,
80.0501


■ 50.5293, 63.3045,
78.6512

■ 80.5501, 78.7802,
80.0818


■ 47.0778, 61.5253,
78.4855


■ 80.5509, 78.7806,
80.0861


 44.3405, 60.1142,
78.3531


 80.5517, 78.7809,
80.0904


 42.2673, 59.0456,
78.2518


 80.5525, 78.7812,
80.0947


 40.8018, 58.2902,
78.1789

 80.5534, 78.7815,
80.0990

 39.8782, 57.8141,
78.1315

 80.5542, 78.7819,
80.1033

 39.4154, 57.5757,
78.1055

 80.5550, 78.7822,
80.1076

Harmonies

Analogous

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



65.5229, 71.0718, 76.2721



65.6006, 71.0718, 79.3679



66.1979, 71.0718, 81.9976

Triad

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



65.6006, 71.0718, 79.3679



69.1435, 71.0718, 81.3544



67.9429, 71.0718, 71.6629

Complementary

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



65.6006, 71.0718, 79.3679



64.4359, 65.7359, 69.6172

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.



68.9237, 71.0718, 72.9489



65.6006, 71.0718, 79.3679



69.6218, 71.0718, 78.5089

Square

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



65.6006, 71.0718, 79.3679



68.2404, 71.0718, 83.1656



69.5409, 71.0718, 75.4356



66.8674, 71.0718, 71.8789

Rectangle

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



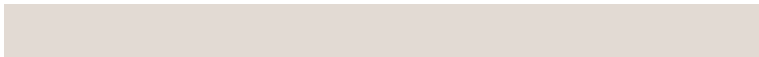
65.6006, 71.0718, 79.3679



66.8138, 71.0718, 83.1066



69.5409, 71.0718, 75.4356



68.2948, 71.0718, 71.9325

Sweetspot

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



65.6026, 71.0748, 79.3695



93.1983, 99.0454, 108.8122



63.9878, 70.4360, 70.5457



19.9677, 21.2098, 23.2912



0.0000, 0.0000, 0.0000



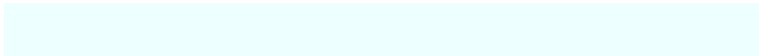
20.3446, 21.4041, 23.3091

Same Dimension

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



65.6026, 71.0748, 79.3695



88.7844, 96.7700, 108.6027



63.9647, 67.7982, 78.8259



14.3712, 15.7036, 17.6606



23.3423, 34.1618, 46.3869



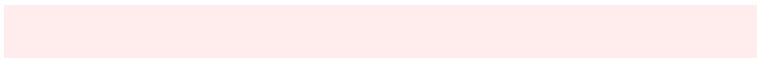
1.6180, 2.3679, 3.2156

Inverse Universe

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



64.4359, 65.7359, 69.6172



86.8763, 88.0388, 92.6538



66.0081, 68.8809, 70.1391



14.0397, 14.1868, 14.8900



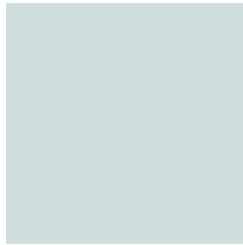
17.8935, 9.2244, 0.8388



1.2403, 0.6394, 0.0584

Previews

White Background



This preview shows how the XYZ color 65.6006, 71.0718, 79.3679 looks on a white background.

Color Contrast Check

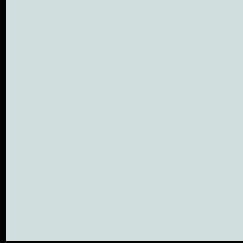
Large Text (above 18pt) WCAG AA × Fail

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 65.6006, 71.0718, 79.3679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

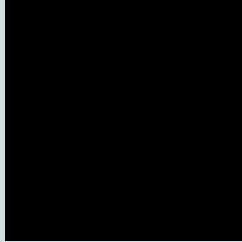
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

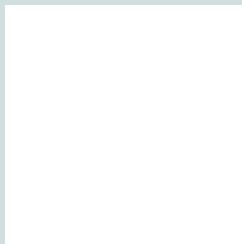
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.6006, 71.0718, 79.3679

Background



This preview shows how black text looks on a background with the XYZ color 65.6006, 71.0718, 79.3679.

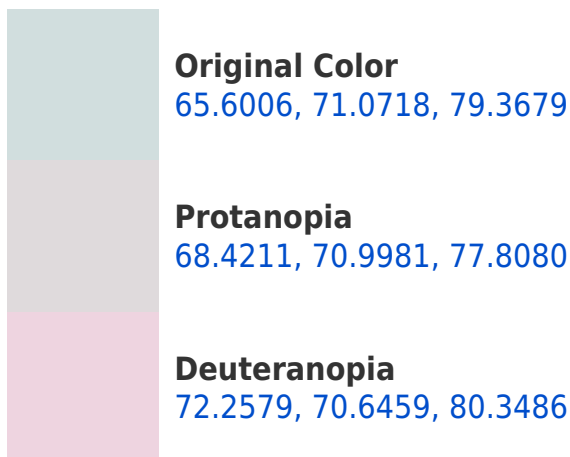


This preview shows how white text looks on a background with the XYZ color 65.6006, 71.0718,

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

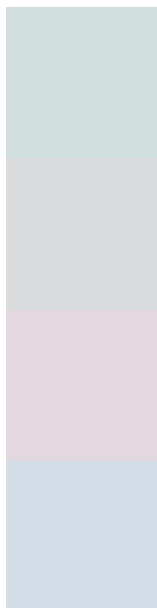




Tritanopia

67.7432, 71.1497, 90.2836

Trichromacy



Original Color

65.6006, 71.0718, 79.3679

Protanomaly

67.2961, 70.7889, 78.5234

Deuteranomaly

69.5537, 70.7703, 79.8062

Tritanomaly

67.0003, 71.2407, 86.5635

Monochromacy



Original Color

65.6006, 71.0718, 79.3679

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.1420, 70.2246, 77.0865

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.6006, 71.0718, 79.3679 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(209, 222, 222) looks like.

```
.text, #text, p{  
    color:rgb(209, 222, 222)  
}
```

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(209, 222, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 222, 222) }
```

Border

The CSS property to change the border of an element to XYZ 65.6006, 71.0718, 79.3679 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(209, 222, 222) }
```


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

```
.border{ border-color:rgb(209, 222, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 222, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 222, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 222, 222);  
box-shadow:4px 4px 4px 4px rgb(209, 222,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 65.6006, 71.0718, 79.3679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 222, 222) }
```

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

```
.background{ background-color: rgb(209,  
222, 222) }
```

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