

Converting Colors

XYZ(66.1395, 71.5285, 79.8901)

Have a look what the booklet for
XYZ(66.1395, 71.5285, 79.8901)
contains.

XYZ(66.0189, 71.2719, 80.0893)	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(66.0189, 71.2719,
80.0893)**

Conversions

Conversions Part 1

Format	Color
Hex	D2DEDF
RGB	210, 222, 223
RGB Percent	82%, 87%, 87%
CMY	0.1765, 0.1294, 0.1255
CMYK	0.06, 0.00, 0.00, 0.13
HSL	185°, 17%, 85%
HSV	185°, 6%, 87%
XYZ	66.0189, 71.2719, 80.0893
YIQ	218.5260, -7.4730, -2.2330

Conversions

Conversions Part 2

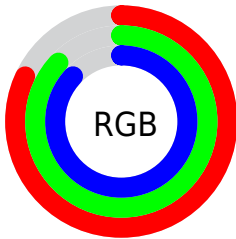
Format	Color
R_{YB}	210, 216, 223
Decimal	13819615
CIE _{Lab}	87.62, -3.82, -1.89
CIE _{LCh}	88, 4.260, 206.305
Yxy	71.2719, 0.3037, 0.3279
Android (android.graphics.Color)	4292009695 (0xFFD2DEDF)
YUV	218.5260, 2.2057, -7.4773
Hunter-Lab	84.4227, -8.1519, 2.8492

Details

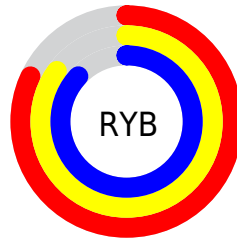
The XYZ color **66.0189, 71.2719, 80.0893** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.3588, 66.9291, 70.4477**, and the grayscale version is **66.9944, 70.4833, 76.7563**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.5969, 37.5325, 42.4668** is the 20% darker color. If you saturate the color by 10%, you get **59.6560, 67.3230, 79.6636**, and if you desaturate by 10%, it is **73.2752, 75.6921, 80.5611**.

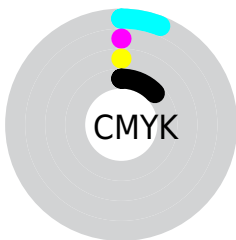
Distribution



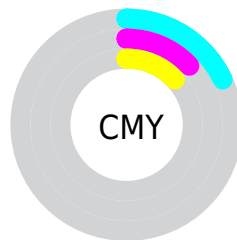
- Red (82%)
- Green (87%)
- Blue (87%)



- 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 66.0189, 71.2719, 80.0893 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 66.0189, 71.2719, 80.0893 by changing the saturation by 10% instead.

■ 66.0189, 71.2719,
80.0893

■ 66.0189, 71.2719,
80.0893

435.9320,
465.0034, 514.9484

■ 48.5555, 52.5641,
59.2652

112.5710,
121.0208, 135.3038

■ 34.4801, 37.4549,
42.4053

142.3905,
152.8307, 170.5313

■ 23.4273, 25.5599,
29.0908

177.0593,
189.7768, 211.3971

■ 15.0318, 16.4947,
18.9034

216.9430,
232.2434, 258.3197

■ 8.9281, 9.8749,
11.4244

262.4067,
280.6150, 311.7175

■ 4.7511, 5.3161,
6.2353

313.8159,

■ 2.1352, 2.4339,

335.2759, 372.0092

2.9176

371.5359,
396.6106, 439.6134

■ 0.7082, 0.8432,
1.0527

■ 0.0000, 0.0000,
0.0000

■ 66.0189, 71.2719,
80.0893

■ 66.0189, 71.2719,
80.0893

■ 59.6560, 67.3230,
79.6636

■ 73.2752, 75.6921,
80.5611

■ 54.1439, 63.8177,
79.2775

■ 81.4531, 80.5922,
81.0759

■ 49.4459, 60.7388,
78.9308

■ 82.0650, 81.5988,
81.2380

■ 45.5199, 58.0647,
78.6216

■ 82.5352, 82.5393,
81.3947

42.3204, 55.7718,
78.3476

83.0101, 83.4891,
81.5530

39.7967, 53.8340,
78.1066

83.4897, 84.4482,
81.7129

37.8918, 52.2220,
77.8959

83.9739, 85.4167,
81.8743

36.5393, 50.9014,
77.7122

84.4629, 86.3946,
82.0373

35.6569, 49.8299,
77.5519

84.9565, 87.3819,
82.2018

Harmonies

Analogous

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



65.8257, 71.2719, 77.2458



66.0189, 71.2719, 80.0893



66.6721, 71.2719, 82.3142

Triad

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



66.0189, 71.2719, 80.0893



69.3674, 71.2719, 80.7237



67.8668, 71.2719, 72.1937

Complementary

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



66.0189, 71.2719, 80.0893



65.3588, 66.9291, 70.4477

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.



68.8229, 71.2719, 73.0751



66.0189, 71.2719, 80.0893



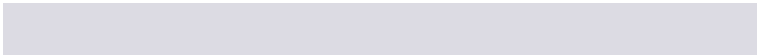
69.6947, 71.2719, 77.9613

Square

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



66.0189, 71.2719, 80.0893



68.6045, 71.2719, 82.6868



69.4944, 71.2719, 75.1687



66.8864, 71.2719, 72.7319

Rectangle

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



66.0189, 71.2719, 80.0893



67.2839, 71.2719, 83.1227



69.4944, 71.2719, 75.1687



68.2018, 71.2719, 72.3332

Sweetspot

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



66.0209, 71.2749, 80.0909



93.0739, 98.7964, 108.7718



64.7083, 71.1746, 71.8691



19.9424, 21.1591, 23.2830



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

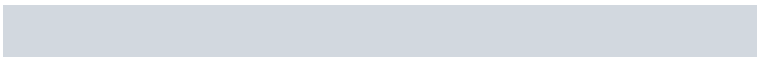
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.0209, 71.2749, 80.0909



88.3502, 95.9005, 108.4618



64.3608, 67.9546, 79.5375



14.2955, 15.5521, 17.6361



20.8336, 29.1367, 45.5743



1.4712, 2.0738, 3.1680

Inverse Universe

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



66.6644, 67.0565, 78.5404



89.3981, 89.0475, 105.9331



66.9729, 70.1572, 70.9857



14.4777, 14.3620, 17.1962



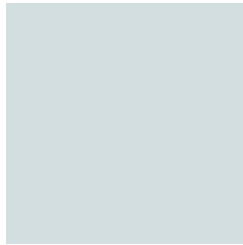
24.4560, 11.8494, 35.3968



1.7088, 0.8268, 2.5256

Previews

White Background



This preview shows how the XYZ color 66.0189, 71.2719, 80.0893 looks on a white background.

Color Contrast Check

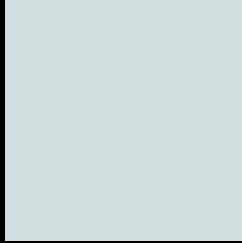
Large Text (above 18pt) WCAG AA × Fail

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 66.0189, 71.2719, 80.0893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

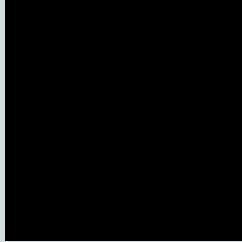
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

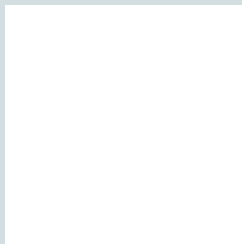
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.0189, 71.2719, 80.0893

Background



This preview shows how black text looks on a background with the XYZ color 66.0189, 71.2719, 80.0893.



This preview shows how white text looks on a background with the XYZ color 66.0189, 71.2719,

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

66.0189, 71.2719, 80.0893

Protanopia

68.5540, 71.0512, 78.5077

Deuteranopia

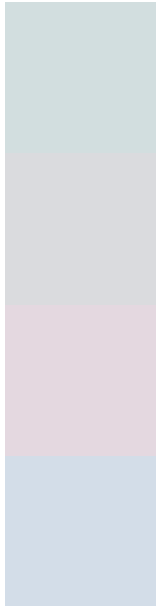
72.6448, 71.2019, 81.1487



Tritanopia

68.0306, 71.2979, 90.2970

Trichromacy



Original Color

66.0189, 71.2719, 80.0893

Protanomaly

67.4298, 70.8424, 79.2273

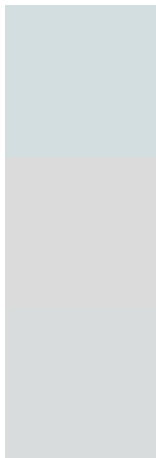
Deuteranomaly

70.0053, 70.9875, 80.5333

Tritanomaly

67.2859, 71.3880, 86.5768

Monochromacy



Original Color

66.0189, 71.2719, 80.0893

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.8304, 70.9526, 77.8830

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0189, 71.2719, 80.0893 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(210, 222, 223) looks like.

```
.text, #text, p{  
    color:rgb(210, 222, 223)  
}
```

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(210, 222, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 222, 223) }
```

Border

The CSS property to change the border of an element to XYZ 66.0189, 71.2719, 80.0893 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(210, 222, 223) }
```


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

```
.border{ border-color:rgb(210, 222, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 222, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 222, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 222, 223);  
box-shadow:4px 4px 4px 4px rgb(210, 222,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0189, 71.2719, 80.0893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 222, 223) }
```

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

```
.background{ background-color: rgb(210,  
222, 223) }
```

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