

Converting Colors

XYZ(66.5862, 71.4577, 79.8170)

Have a look what the booklet for
XYZ(66.5862, 71.4577, 79.8170)
contains.

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Color

**XYZ(66.5919, 71.5673,
80.1161)**

Conversions

Conversions Part 1

Format	Color
Hex	D4DEDF
RGB	212, 222, 223
RGB Percent	83%, 87%, 87%
CMY	0.1686, 0.1294, 0.1255
CMYK	0.05, 0.00, 0.00, 0.13
HSL	185°, 15%, 85%
HSV	185°, 5%, 87%
XYZ	66.5919, 71.5673, 80.1161
YIQ	219.1240, -6.2810, -1.8090

Conversions

Conversions Part 2

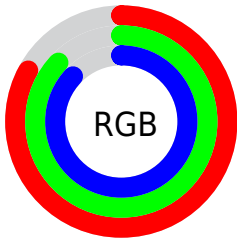
Format	Color
R _Y B	212, 217, 223
Decimal	13950687
CIE Lab	87.76, -3.16, -1.66
CIE LCh	88, 3.568, 207.753
Yxy	71.5673, 0.3051, 0.3279
Android (android.graphics.Color)	4292140767 (0xFFD4DEDF)
YUV	219.1240, 1.9109, -6.2477
Hunter-Lab	84.5975, -7.5371, 3.0690

Details

The XYZ color **66.5919, 71.5673, 80.1161** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.1095, 68.0292, 71.9350**, and the grayscale version is **67.4100, 70.9205, 77.2324**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.7912, 37.6327, 42.4759** is the 20% darker color. If you saturate the color by 10%, you get **60.0695, 67.4151, 79.6595**, and if you desaturate by 10%, it is **74.0127, 76.1961, 80.6195**.

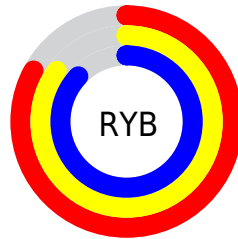
Distribution



Red (83%)

Green (87%)

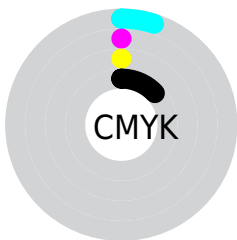
Blue (87%)



Red (83%)

Yellow (85%)

Blue (87%)

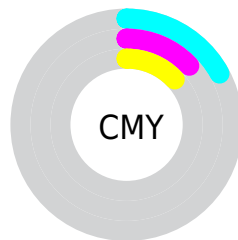


Cyan (5%)

Magenta (0%)

Yellow (0%)

Black (13%)



Cyan (17%)

Magenta (13%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.5919, 71.5673, 80.1161 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 66.5919, 71.5673, 80.1161 by changing the saturation by 10% instead.

■ 66.5919, 71.5673,
80.1161

■ 66.5919, 71.5673,
80.1161

437.9461,
466.0341, 515.0411

■ 49.0225, 52.8053,
59.2872

113.3885,
121.4411, 135.3418

■ 34.8520, 37.6474,
42.4228

143.3464,
153.3218, 170.5757

■ 23.7148, 25.7091,
29.1045

178.1645,
190.3440, 211.4483

■ 15.2458, 16.6061,
18.9136

218.2083,
232.8924, 258.3782

■ 9.0795, 9.9541,
11.4317

263.8429,
281.3512, 311.7838

■ 4.8506, 5.3685,
6.2402

315.4339,

■ 2.1937, 2.4651,

336.1048, 372.0838

2.9205

373.3465,
397.5376, 439.6968

■ 0.7394, 0.8591,
1.0542

■ 0.0000, 0.0000,
0.0000

■ 66.5919, 71.5673,
80.1161

■ 66.5919, 71.5673,
80.1161

■ 60.0695, 67.4151,
79.6595

■ 74.0127, 76.1961,
80.6195

■ 54.4031, 63.7118,
79.2434

■ 81.7681, 81.0050,
81.1390

■ 49.5562, 60.4404,
78.8674

■ 82.3208, 82.1104,
81.3232

■ 45.4871, 57.5794,
78.5296

■ 82.8800, 83.2287,
81.5096

■ 42.1504, 55.1054,
78.2279

■ 83.4457, 84.3601,
81.6982

■ 39.4961, 52.9925,
77.9600

■ 84.0179, 85.5046,
81.8889

■ 37.4679, 51.2118,
77.7232

■ 84.5967, 86.6622,
82.0818

■ 36.0002, 49.7293,
77.5144

■ 85.1821, 87.8329,
82.2770

■ 35.0129, 48.5038,
77.3299

■ 85.7740, 89.0169,
82.4743

Harmonies

Analogous

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



66.4087, 71.5673, 77.7419



66.5919, 71.5673, 80.1161



67.1575, 71.5673, 81.9351

Triad

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



66.5919, 71.5673, 80.1161



69.4089, 71.5673, 80.4391



68.0864, 71.5673, 73.3577

Complementary

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



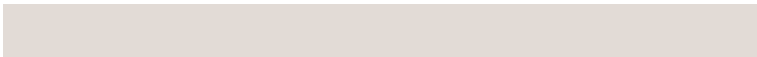
66.5919, 71.5673, 80.1161



66.1095, 68.0292, 71.9350

Split Complementary

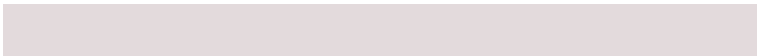
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.8950, 71.5673, 74.0472



66.5919, 71.5673, 80.1161



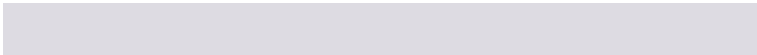
69.6624, 71.5673, 78.1076

Square

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



66.5919, 71.5673, 80.1161



68.7835, 71.5673, 82.1243



69.4736, 71.5673, 75.7735



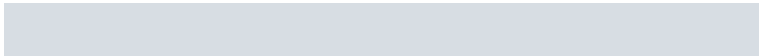
67.2672, 71.5673, 73.8706

Rectangle

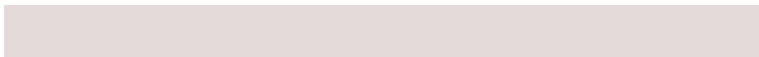
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.5919, 71.5673, 80.1161



67.6778, 71.5673, 82.5707



69.4736, 71.5673, 75.7735



68.3685, 71.5673, 73.4562

Sweetspot

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



66.5939, 71.5703, 80.1177



94.0444, 99.3723, 108.8318



65.5398, 71.5734, 73.2571



20.1400, 21.2764, 23.2952



0.0000, 0.0000, 0.0000



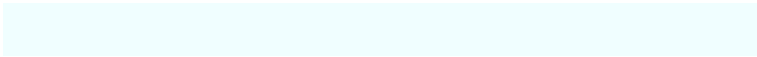
20.3446, 21.4041, 23.3091

Same Dimension

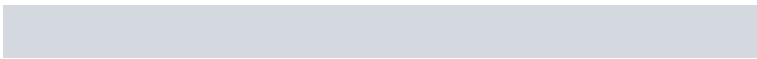
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.5939, 71.5703, 80.1177



89.2029, 96.3317, 108.5001



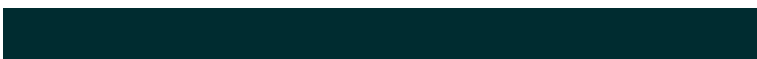
65.1773, 68.7370, 79.6455



14.4228, 15.6139, 17.6413



20.4045, 28.2785, 45.4312



1.4458, 2.0231, 3.1595

Inverse Universe

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



67.1613, 68.0502, 78.7060



90.1395, 90.5347, 106.1663



67.4957, 70.8017, 72.3971



14.5890, 14.5868, 17.2270



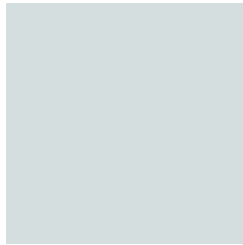
24.2394, 11.7628, 34.2562



1.6960, 0.8217, 2.4581

Previews

White Background



This preview shows how the XYZ color 66.5919, 71.5673, 80.1161 looks on a white background.

Color Contrast Check

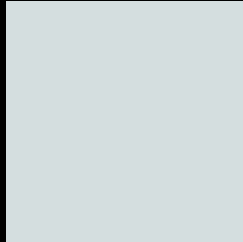
Large Text (above 18pt) WCAG AA × Fail

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 66.5919, 71.5673, 80.1161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

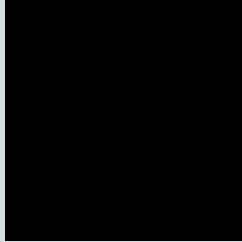
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

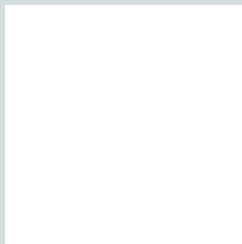
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.5919, 71.5673, 80.1161

Background



This preview shows how black text looks on a background with the XYZ color 66.5919, 71.5673, 80.1161.

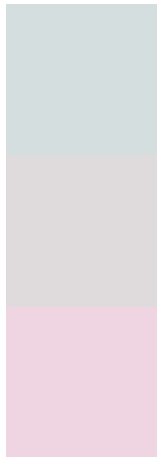


This preview shows how white text looks on a background with the XYZ color 66.5919, 71.5673,

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

66.5919, 71.5673, 80.1161

Protanopia

68.8141, 71.5715, 78.5944

Deuteranopia

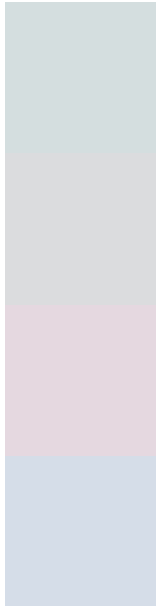
72.9815, 71.3755, 81.1645



Tritanopia

68.6108, 71.5970, 90.3242

Trichromacy



Original Color

66.5919, 71.5673, 80.1161

Protanomaly

67.9914, 71.5204, 79.3285

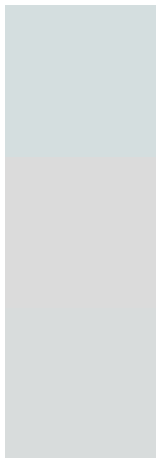
Deuteranomaly

70.3235, 71.1516, 80.5482

Tritanomaly

67.8625, 71.6852, 86.6038

Monochromacy



Original Color

66.5919, 71.5673, 80.1161

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 66.5919, 71.5673, 80.1161 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(212, 222, 223) looks like.

```
.text, #text, p{  
    color:rgb(212, 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(212, 222, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 222, 223) }
```

Border

The CSS property to change the border of an element to XYZ 66.5919, 71.5673, 80.1161 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(212, 222, 223) }
```


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

```
.border{ border-color:rgb(212, 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(212, 222, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 222, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 222, 223);  
box-shadow:4px 4px 4px 4px rgb(212, 222,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 66.5919, 71.5673, 80.1161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 222, 223) }
```

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

```
.background{ background-color: rgb(212,  
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](#).

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