

Converting Colors

XYZ(67.2616, 71.9573, 80.0554)

Have a look what the booklet for
XYZ(67.2616, 71.9573, 80.0554)
contains.

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Color

**XYZ(67.1721, 71.8664,
80.1433)**

Conversions

Conversions Part 1

Format	Color
Hex	D6DEDF
RGB	214, 222, 223
RGB Percent	84%, 87%, 87%
CMY	0.1608, 0.1294, 0.1255
CMYK	0.04, 0.00, 0.00, 0.13
HSL	187°, 12%, 86%
HSV	187°, 4%, 87%
XYZ	67.1721, 71.8664, 80.1433
YIQ	219.7220, -5.0890, -1.3850

Conversions

Conversions Part 2

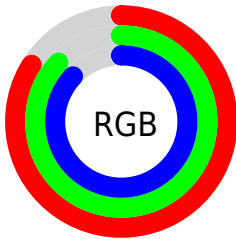
Format	Color
R_{YB}	214, 218, 223
Decimal	14081759
CIE _{Lab}	87.90, -2.49, -1.43
CIE _{LCh}	88, 2.876, 209.883
Yxy	71.8664, 0.3065, 0.3279
Android (android.graphics.Color)	4292271839 (0xFFD6DEDF)
YUV	219.7220, 1.6161, -5.0182
Hunter-Lab	84.7741, -6.9172, 3.2905

Details

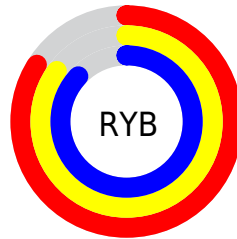
The XYZ color **67.1721, 71.8664, 80.1433** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.8696, 69.1432, 73.4409**, and the grayscale version is **67.8271, 71.3594, 77.7104**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.1847, 37.8355, 42.4943** is the 20% darker color. If you saturate the color by 10%, you get **60.4538, 67.4386, 79.6438**, and if you desaturate by 10%, it is **74.7951, 76.7789, 80.6908**.

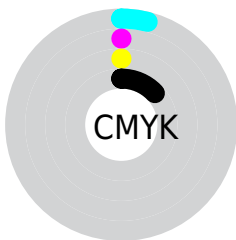
Distribution



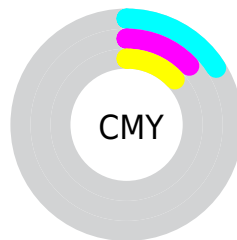
- Red (84%)
- Green (87%)
- Blue (87%)



- Red (84%)
- Yellow (85%)
- Blue (87%)



- Cyan (4%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)



- Cyan (16%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.1721, 71.8664, 80.1433 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 67.1721, 71.8664, 80.1433 by changing the saturation by 10% instead.

■ 67.1721, 71.8664,
80.1433

■ 67.1721, 71.8664,
80.1433

439.9800,
467.0765, 515.1351

■ 49.4957, 53.0495,
59.3094

114.2154,
121.8666, 135.3804

■ 35.2290, 37.8423,
42.4406

144.3131,
153.8187, 170.6207

■ 24.0067, 25.8603,
29.1183

179.2818,
190.9180, 211.5002

■ 15.4633, 16.7192,
18.9240

219.4871,
233.5489, 258.4375

■ 9.2336, 10.0345,
11.4391

265.2941,
282.0958, 311.8511

■ 4.9522, 5.4218,
6.2451

317.0684,

■ 2.2537, 2.4968,

336.9431, 372.1596

2.9235

375.1752,
398.4752, 439.7814

■ 0.7708, 0.8750,
1.0557

■ 0.0000, 0.0000,
0.0000

■ 67.1721, 71.8664,
80.1433

■ 67.1721, 71.8664,
80.1433

■ 60.4538, 67.4386,
79.6438

■ 74.7951, 76.7789,
80.6908

■ 54.5981, 63.4677,
79.1860

■ 82.0130, 81.4948,
81.2207

■ 49.5685, 59.9368,
78.7696

■ 82.6929, 82.8547,
81.4473

■ 45.3238, 56.8245,
78.3926

■ 83.3826, 84.2340,
81.6772

■ 41.8188, 54.1076,
78.0529

■ 84.0820, 85.6328,
81.9103

■ 39.0040, 51.7605,
77.7482

■ 84.7912, 87.0513,
82.1467

■ 36.8237, 49.7544,
77.4759

■ 85.5103, 88.4894,
82.3864

■ 35.2133, 48.0559,
77.2329

■ 86.2392, 89.9473,
82.6294

■ 34.0944, 46.6246,
77.0156

■ 86.9781, 91.4250,
82.8757

Harmonies

Analogous

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



66.9992, 71.8664, 78.2426



67.1721, 71.8664, 80.1433



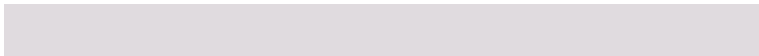
67.6486, 71.8664, 81.5561

Triad

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



67.1721, 71.8664, 80.1433



69.4516, 71.8664, 80.1568



68.3095, 71.8664, 74.5413

Complementary

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



67.1721, 71.8664, 80.1433



66.8696, 69.1432, 73.4409

Split Complementary

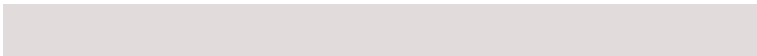
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.9693, 71.8664, 75.0350



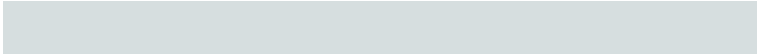
67.1721, 71.8664, 80.1433



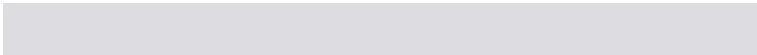
69.6314, 71.8664, 78.2580

Square

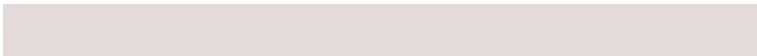
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.1721, 71.8664, 80.1433



68.9647, 71.8664, 81.5640



69.4543, 71.8664, 76.3873



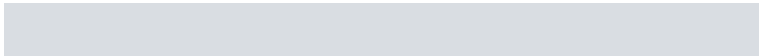
67.6532, 71.8664, 75.0276

Rectangle

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



67.1721, 71.8664, 80.1433



68.0759, 71.8664, 82.0198



69.4543, 71.8664, 76.3873



68.5383, 71.8664, 74.5981

Sweetspot

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



67.1741, 71.8695, 80.1449



94.0281, 99.3396, 108.8264



66.3732, 71.9738, 74.6178



20.1366, 21.2697, 23.2941



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

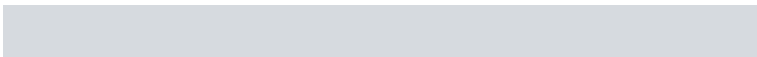
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.1741, 71.8695, 80.1449



90.0651, 96.7642, 108.5382



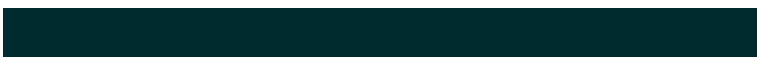
66.0197, 69.5606, 79.7601



14.5508, 15.6743, 17.6462



19.7990, 27.0676, 45.2294



1.4098, 1.9511, 3.1475

Inverse Universe

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



67.6644, 69.0564, 78.8738



90.8901, 92.0426, 106.3963



68.0061, 71.4162, 73.8198



14.7013, 14.8144, 17.2551



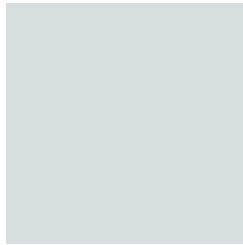
23.9338, 11.6405, 32.6469



1.6779, 0.8144, 2.3625

Previews

White Background



This preview shows how the XYZ color 67.1721, 71.8664, 80.1433 looks on a white background.

Color Contrast Check

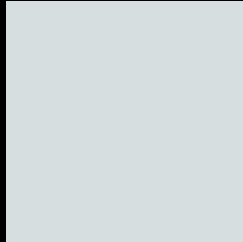
Large Text (above 18pt) WCAG AA × Fail

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 67.1721, 71.8664, 80.1433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

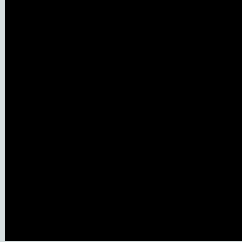
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

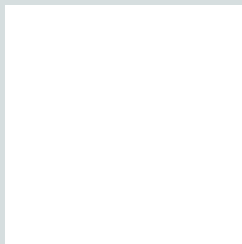
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.1721, 71.8664, 80.1433

Background



This preview shows how black text looks on a background with the XYZ color 67.1721, 71.8664, 80.1433.

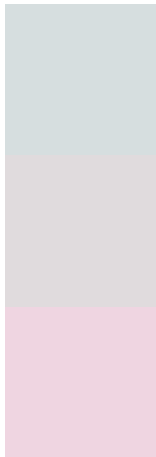


This preview shows how white text looks on a background with the XYZ color 67.1721, 71.8664,

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

67.1721, 71.8664, 80.1433

Protanopia

69.1231, 71.7308, 78.6089

Deuteranopia

72.9815, 71.3755, 81.1645



Tritanopia

69.1982, 71.8998, 90.3517

Trichromacy



Original Color

67.1721, 71.8664, 80.1433

Protanomaly

68.2932, 71.6760, 79.3426

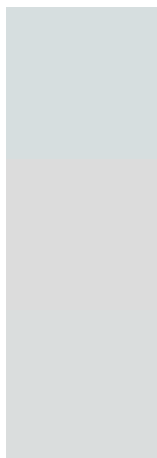
Deuteranomaly

70.6435, 71.3165, 80.5632

Tritanomaly

68.4463, 71.9862, 86.6311

Monochromacy



Original Color

67.1721, 71.8664, 80.1433

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.8210, 71.8388, 78.6983

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.1721, 71.8664, 80.1433 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(214, 222, 223) looks like.

```
.text, #text, p{  
    color:rgb(214, 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(214, 222, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 222, 223) }
```

Border

The CSS property to change the border of an element to XYZ 67.1721, 71.8664, 80.1433 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(214, 222, 223) }
```


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

```
.border{ border-color:rgb(214, 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(214, 222, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 222, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 222, 223);  
box-shadow:4px 4px 4px 4px rgb(214, 222,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 67.1721, 71.8664, 80.1433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 222, 223) }
```

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

```
.background{ background-color: rgb(214,  
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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