

Converting Colors

XYZ(66.0190, 70.0977, 77.7117)

Have a look what the booklet for
XYZ(66.0190, 70.0977, 77.7117)
contains.

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Color

**XYZ(65.9813, 70.1265,
77.7683)**

Conversions

Conversions Part 1

Format	Color
Hex	D6DBDC
RGB	214, 219, 220
RGB Percent	84%, 86%, 86%
CMY	0.1608, 0.1412, 0.1372
CMYK	0.03, 0.00, 0.00, 0.14
HSL	190°, 8%, 85%
HSV	190°, 3%, 86%
XYZ	65.9813, 70.1265, 77.7683
YIQ	217.6190, -3.3010, -0.7490

Conversions

Conversions Part 2

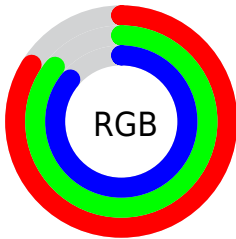
Format	Color
R_{YB}	214, 217, 220
Decimal	14080988
CIE _{Lab}	87.06, -1.50, -1.09
CIE _{LCh}	87, 1.852, 216.023
Yxy	70.1265, 0.3085, 0.3279
Android (android.graphics.Color)	4292271068 (0xFFD6DBDC)
YUV	217.6190, 1.1738, -3.1739
Hunter-Lab	83.7416, -5.9048, 3.5582

Details

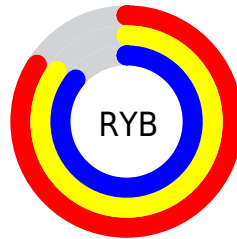
The XYZ color **65.9813, 70.1265, 77.7683** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.9533, 68.6706, 73.3979**, and the grayscale version is **66.3737, 69.8303, 76.0452**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.3651, 36.6385, 40.8580** is the 20% darker color. If you saturate the color by 10%, you get **59.0472, 65.1545, 77.1751**, and if you desaturate by 10%, it is **73.8075, 75.5934, 78.4121**.

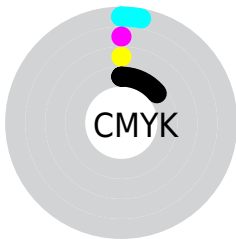
Distribution



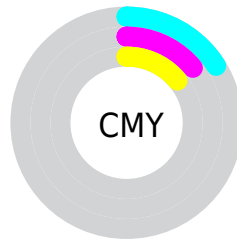
- Red (84%)
- Green (86%)
- Blue (86%)



- Red (84%)
- Yellow (85%)
- Blue (86%)



- Cyan (3%)
- Magenta (0%)
- Yellow (0%)
- Black (14%)



- Cyan (16%)
- Magenta (14%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.9813, 70.1265, 77.7683 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 65.9813, 70.1265, 77.7683 by changing the saturation by 10% instead.

■ 65.9813, 70.1265,
77.7683

■ 65.9813, 70.1265,
77.7683

435.7997,
460.9940, 506.8866

■ 48.5249, 51.6297,
57.3683

112.5174,
119.3891, 132.0063

■ 34.4557, 36.7100,
40.8897

142.3277,
150.9237, 166.6815

■ 23.4084, 24.9830,
27.9139

176.9868,
187.5730, 206.9522

■ 15.0177, 16.0644,
18.0223

216.8598,
229.7214, 253.2369

■ 8.9182, 9.5697,
10.7964

262.3123,
277.7534, 305.9541

■ 4.7446, 5.1146,
5.8176

313.7096,

■ 2.1314, 2.3147,

332.0532, 365.5225

2.6675

371.4169,
393.0053, 432.3605

■ 0.7062, 0.7815,
0.9270

■ 0.0000, 0.0000,
0.0000

■ 65.9813, 70.1265,
77.7683

■ 65.9813, 70.1265,
77.7683

■ 59.0472, 65.1545,
77.1751

■ 73.8075, 75.5934,
78.4121

■ 52.9647, 60.6504,
76.6263


■ 81.4395, 80.9894,
79.0514


■ 47.6986, 56.5978,
76.1217


■ 82.4453, 83.0010,
79.3866


■ 43.2093, 52.9761,
75.6592


■ 83.4723, 85.0551,
79.7290


 39.4537, 49.7630,
75.2370


 84.5208, 87.1521,
80.0785


 36.3844, 46.9336,
74.8526


 85.5909, 89.2922,
80.4352


 33.9482, 44.4605,
74.5037

 86.6826, 91.4757,
80.7991

 32.0841, 42.3120,
74.1872

 87.7962, 93.7028,
81.1703

 30.7183, 40.4497,
73.8997

 88.9316, 95.9737,
81.5488

Harmonies

Analogous

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



65.8277, 70.1265, 76.6066



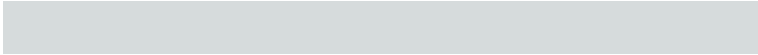
65.9813, 70.1265, 77.7683



66.3150, 70.1265, 78.5577

Triad

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



65.9813, 70.1265, 77.7683



67.4176, 70.1265, 77.3300



66.5657, 70.1265, 74.0065

Complementary

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



65.9813, 70.1265, 77.7683



65.9533, 68.6706, 73.3979

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.



66.9924, 70.1265, 74.1955



65.9813, 70.1265, 77.7683



67.4855, 70.1265, 76.1056

Square

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



65.9813, 70.1265, 77.7683



67.1445, 70.1265, 78.3027



67.3295, 70.1265, 74.9606



66.1642, 70.1265, 74.4415

Rectangle

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



65.9813, 70.1265, 77.7683



66.5953, 70.1265, 78.7620



67.3295, 70.1265, 74.9606



66.7110, 70.1265, 73.9992

Sweetspot

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



65.9833, 70.1295, 77.7698



93.9831, 99.2497, 108.8114



65.5786, 70.3848, 74.3528



20.1275, 21.2514, 23.2911



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.



65.9833, 70.1295, 77.7698



91.8874, 97.7701, 108.6363



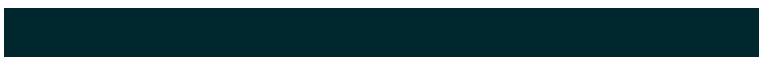
65.2323, 68.6274, 77.5195



14.1125, 15.0580, 16.8148



17.6473, 23.1640, 43.2794



1.1932, 1.6006, 2.8205

Inverse Universe

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



66.3494, 68.4244, 76.7317



92.4540, 95.1343, 107.0291



66.6993, 70.1627, 73.6466



14.2216, 14.5520, 16.5052



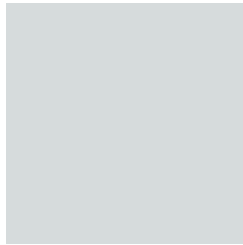
22.4029, 10.9622, 27.5653



1.4766, 0.7203, 1.9186

Previews

White Background



This preview shows how the XYZ color 65.9813, 70.1265, 77.7683 looks on a white background.

Color Contrast Check

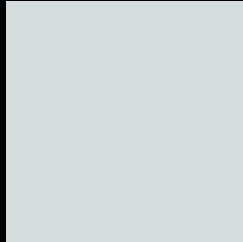
Large Text (above 18pt) WCAG AA × Fail

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 65.9813, 70.1265, 77.7683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

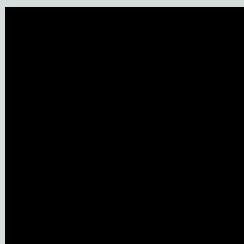
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

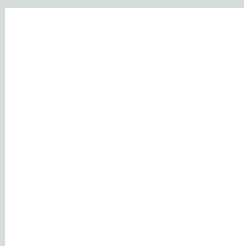
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.9813, 70.1265, 77.7683

Background



This preview shows how black text looks on a background with the XYZ color 65.9813, 70.1265, 77.7683.

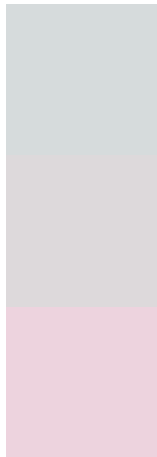


This preview shows how white text looks on a background with the XYZ color 65.9813, 70.1265, 77.7683.

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

65.9813, 70.1265, 77.7683

Protanopia

67.4178, 70.1123, 76.9976

Deuteranopia

71.4041, 69.8670, 78.8295



Tritanopia

67.9830, 70.1652, 87.8020

Trichromacy



Original Color

65.9813, 70.1265, 77.7683

Protanomaly

66.7710, 70.1627, 77.0414

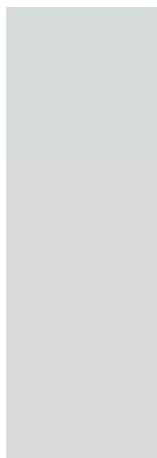
Deuteranomaly

69.4108, 69.9716, 78.2541

Tritanomaly

67.2386, 70.2470, 84.1439

Monochromacy



Original Color

65.9813, 70.1265, 77.7683

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.4729, 70.0090, 77.0274

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.9813, 70.1265, 77.7683 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, 219, 220) looks like.

```
.text, #text, p{  
    color:rgb(214, 219, 220)  
}
```

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, 219, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 219, 220) }
```

Border

The CSS property to change the border of an element to XYZ 65.9813, 70.1265, 77.7683 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, 219, 220) }
```


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

```
.border{ border-color:rgb(214, 219, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 219, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 219, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 219, 220);  
box-shadow:4px 4px 4px 4px rgb(214, 219,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 65.9813, 70.1265, 77.7683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 219, 220) }
```

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

```
.background{ background-color: rgb(214,  
219, 220) }
```

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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