

Converting Colors

XYZ(65.2580, 68.6629, 77.4023)

Have a look what the booklet for
XYZ(65.2580, 68.6629, 77.4023)
contains.

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Color

**XYZ(65.2057, 68.5752,
77.5098)**

Conversions

Conversions Part 1

Format	Color
Hex	D6D8DC
RGB	214, 216, 220
RGB Percent	84%, 85%, 86%
CMY	0.1608, 0.1529, 0.1372
CMYK	0.03, 0.02, 0.00, 0.14
HSL	220°, 8%, 85%
HSV	220°, 3%, 86%
XYZ	65.2057, 68.5752, 77.5098
YIQ	215.8580, -2.4760, 0.8200

Conversions

Conversions Part 2

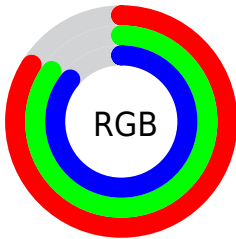
Format	Color
R_{YB}	214, 216, 220
Decimal	14080220
CIE _{Lab}	86.29, 0.06, -2.21
CIE _{LCh}	86, 2.212, 271.579
Yxy	68.5752, 0.3086, 0.3246
Android (android.graphics.Color)	4292270300 (0xFFD6D8DC)
YUV	215.8580, 2.0420, -1.6295
Hunter-Lab	82.8101, -4.3647, 2.4720

Details

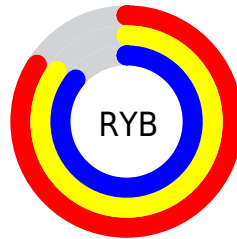
The XYZ color **65.2057, 68.5752, 77.5098** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.7243, 70.2127, 73.6550**, and the grayscale version is **65.1630, 68.5566, 74.6581**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.8345, 35.5773, 40.6811** is the 20% darker color. If you saturate the color by 10%, you get **55.6257, 58.3114, 76.0347**, and if you desaturate by 10%, it is **75.9916, 79.9615, 79.1401**.

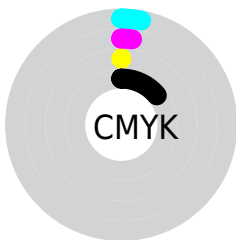
Distribution



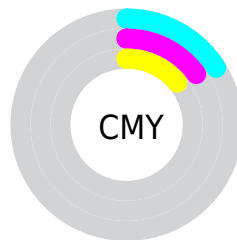
- Red (84%)
- Green (85%)
- Blue (86%)



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



- Cyan (3%)
- Magenta (2%)
- Yellow (0%)
- Black (14%)



- Cyan (16%)
- Magenta (15%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.2057, 68.5752, 77.5098 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 65.2057, 68.5752, 77.5098 by changing the saturation by 10% instead.

■ 65.2057, 68.5752,
77.5098

■ 65.2057, 68.5752,
77.5098

433.0643,
455.5313, 505.9842

■ 47.8932, 50.3658,
57.1573

111.4096,
117.1746, 131.6384

■ 33.9532, 35.7042,
40.7214

141.0317,
148.3335, 166.2517

■ 23.0204, 24.2058,
27.7834

175.4878,
184.5776, 206.4556

■ 14.7293, 15.4864,
17.9248

215.1431,
226.2914, 252.6687

■ 8.7147, 9.1614,
10.7271

260.3631,
273.8593, 305.3096

■ 4.6112, 4.8466,
5.7718

311.5130,

■ 2.0534, 2.1576,

327.6656, 364.7968

2.6403

368.9583,
388.0948, 431.5488

■ 0.6637, 0.6967,
0.9131

■ 0.0000, 0.0000,
0.0000

■ 65.2057, 68.5752,
77.5098

■ 65.2057, 68.5752,
77.5098

■ 55.6257, 58.3114,
76.0347

■ 75.9916, 79.9615,
79.1401

■ 47.2026, 49.1262,
74.7057

■ 86.9054, 91.9213,
80.8734

■ 39.8924, 40.9854,
73.5196

■ 89.9185, 97.9474,
81.8777

■ 33.6460, 33.8495,
72.4715

■ 28.4106, 27.6766,
71.5559

■ 24.1283, 22.4215,
70.7673

■ 20.7352, 18.0345,
70.0994

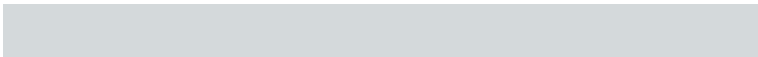
■ 18.1585, 14.4609,
69.5454

■ 16.3120, 11.6373,
69.0977

Harmonies

Analogous

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



64.7130, 68.5752, 77.1643



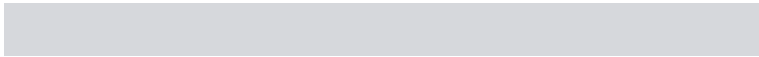
65.2057, 68.5752, 77.5098



65.6936, 68.5752, 77.0852

Triad

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



65.2057, 68.5752, 77.5098



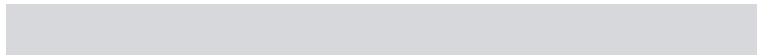
66.0178, 68.5752, 73.2055



64.3199, 68.5752, 73.3379

Complementary

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



65.2057, 68.5752, 77.5098



66.7243, 70.2127, 73.6550

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.



64.6664, 68.5752, 72.2993



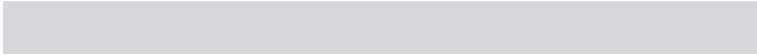
65.2057, 68.5752, 77.5098



65.6466, 68.5752, 72.2236

Square

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



65.2057, 68.5752, 77.5098



66.1640, 68.5752, 74.5894



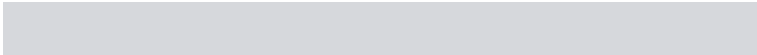
65.1516, 68.5752, 71.8941



64.2032, 68.5752, 74.7442

Rectangle

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



65.2057, 68.5752, 77.5098



65.9501, 68.5752, 76.4259



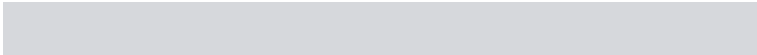
65.1516, 68.5752, 71.8941



64.4133, 68.5752, 72.9348

Sweetspot

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



65.2077, 68.5781, 77.5113



93.5786, 98.4407, 108.6766



65.9676, 70.5404, 76.4009



20.0452, 21.0868, 23.2636



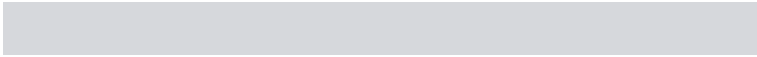
0.0000, 0.0000, 0.0000



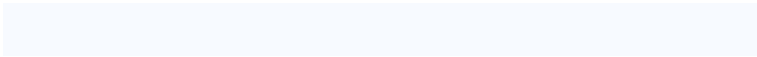
20.3446, 21.4041, 23.3091

Same Dimension

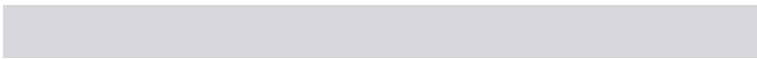
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.2077, 68.5781, 77.5113



90.6873, 95.3698, 108.2362



64.9609, 67.6935, 77.3536



13.8817, 14.5963, 16.7379



9.0898, 6.0491, 40.4269



0.6667, 0.5474, 2.6450

Inverse Universe

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



65.9580, 68.2679, 74.6699



91.8483, 94.8919, 103.8391



66.9754, 71.1181, 73.8166



14.1050, 14.5054, 15.8916



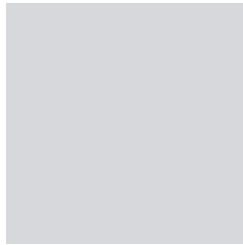
18.0835, 9.2344, 4.8195



1.2108, 0.6140, 0.5190

Previews

White Background



This preview shows how the XYZ color 65.2057, 68.5752, 77.5098 looks on a white background.

Color Contrast Check

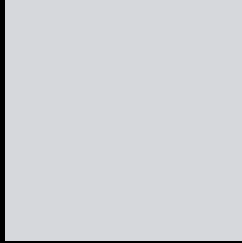
Large Text (above 18pt) WCAG AA × Fail

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 65.2057, 68.5752, 77.5098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

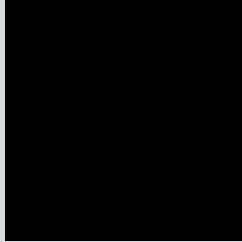
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

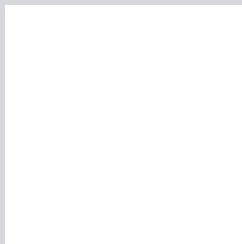
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.2057, 68.5752, 77.5098

Background



This preview shows how black text looks on a background with the XYZ color 65.2057, 68.5752, 77.5098.

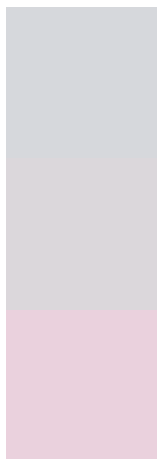


This preview shows how white text looks on a background with the XYZ color 65.2057, 68.5752,

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

65.2057, 68.5752, 77.5098

Protanopia

66.3000, 68.7754, 76.7984

Deuteranopia

69.7833, 68.3138, 77.9145



Tritanopia

66.7893, 68.4616, 85.2955

Trichromacy



Original Color

65.2057, 68.5752, 77.5098

Protanomaly

65.7019, 68.4671, 76.7704

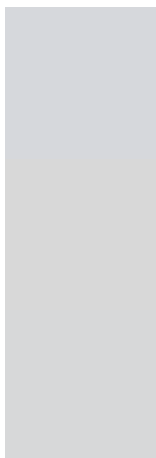
Deuteranomaly

68.2732, 68.6383, 78.0567

Tritanomaly

66.1899, 68.5940, 82.4244

Monochromacy



Original Color

65.2057, 68.5752, 77.5098

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.1046, 68.5686, 75.4493

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.2057, 68.5752, 77.5098 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, 216, 220) looks like.

```
.text, #text, p{  
    color:rgb(214, 216, 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, 216, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 216, 220) }
```

Border

The CSS property to change the border of an element to XYZ 65.2057, 68.5752, 77.5098 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, 216, 220) }
```


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

```
.border{ border-color:rgb(214, 216, 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, 216, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 216, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 216, 220);  
box-shadow:4px 4px 4px 4px rgb(214, 216,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 65.2057, 68.5752, 77.5098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 216, 220) }
```

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

```
.background{ background-color: rgb(214,  
216, 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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