

Converting Colors

XYZ(65.4359, 69.0160, 77.4590)

Have a look what the booklet for
XYZ(65.4359, 69.0160, 77.4590)
contains.

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Color

**XYZ(65.4627, 69.0892,
77.5954)**

Conversions

Conversions Part 1

Format	Color
Hex	D6D9DC
RGB	214, 217, 220
RGB Percent	84%, 85%, 86%
CMY	0.1608, 0.1490, 0.1372
CMYK	0.03, 0.01, 0.00, 0.14
HSL	210°, 8%, 85%
HSV	210°, 3%, 86%
XYZ	65.4627, 69.0892, 77.5954
YIQ	216.4450, -2.7510, 0.2970

Conversions

Conversions Part 2

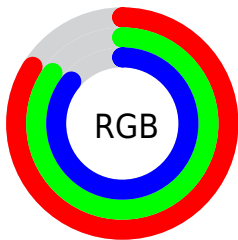
Format	Color
R_{YB}	214, 216, 220
Decimal	14080476
CIE _{Lab}	86.55, -0.46, -1.84
CIE _{LCh}	87, 1.893, 255.960
Yxy	69.0892, 0.3086, 0.3257
Android (android.graphics.Color)	4292270556 (0xFFD6D9DC)
YUV	216.4450, 1.7526, -2.1443
Hunter-Lab	83.1199, -4.8787, 2.8346

Details

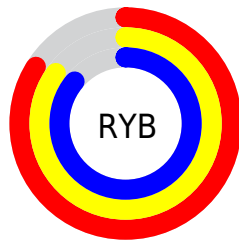
The XYZ color **65.4627, 69.0892, 77.5954** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.4657, 69.6956, 73.5689**, and the grayscale version is **65.5652, 68.9797, 75.1189**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.0099, 35.9282, 40.7396** is the 20% darker color. If you saturate the color by 10%, you get **56.7328, 60.5256, 76.4036**, and if you desaturate by 10%, it is **75.2523, 78.4828, 78.8936**.

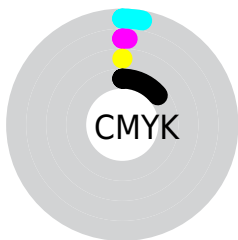
Distribution



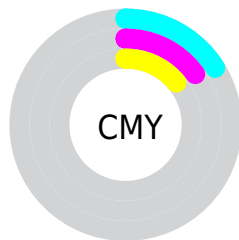
- Red (84%)
- Green (85%)
- Blue (86%)



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



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (14%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.4627, 69.0892, 77.5954 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 65.4627, 69.0892, 77.5954 by changing the saturation by 10% instead.

■ 65.4627, 69.0892,
77.5954

■ 65.4627, 69.0892,
77.5954

433.9718,
457.3455, 506.2831

■ 48.1025, 50.7844,
57.2272

111.7768,
117.9090, 131.7603

■ 34.1196, 36.0370,
40.7771

141.4614,
149.1927, 166.3940

■ 23.1488, 24.4628,
27.8266

175.9848,
185.5715, 206.6201

■ 14.8247, 15.6773,
17.9571

215.7125,
227.4298, 252.8569

■ 8.7820, 9.2961,
10.7500

261.0096,
275.1519, 305.5231

■ 4.6552, 4.9348,
5.7870

312.2416,

■ 2.0791, 2.2091,

329.1223, 365.0372

2.6493

369.7739,
389.7254, 431.8177

■ 0.6778, 0.7249,
0.9177

■ 0.0000, 0.0000,
0.0000

■ 65.4627, 69.0892,
77.5954

■ 65.4627, 69.0892,
77.5954

■ 56.7328, 60.5256,
76.4036

■ 75.2523, 78.4828,
78.8936

■ 49.0186, 52.7581,
75.3109

■ 85.0186, 88.1477,
80.2444

■ 42.2813, 45.7632,
74.3159

■ 88.3332, 94.7768,
81.3493

■ 36.4776, 39.5128,
73.4153

■ 89.9185, 97.9474,
81.8777

■ 31.5605, 33.9766,
72.6059

■ 27.4786, 29.1220,
71.8840

■ 24.1745, 24.9132,
71.2457

■ 21.5829, 21.3096,
70.6868

■ 19.6254, 18.2641,
70.2021

Harmonies

Analogous

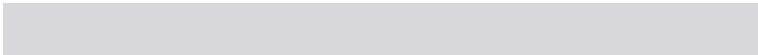
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



65.0823, 69.0892, 76.9771



65.4627, 69.0892, 77.5954



65.8995, 69.0892, 77.5740

Triad

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



65.4627, 69.0892, 77.5954



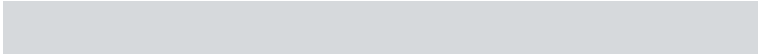
66.4819, 69.0892, 74.5638



65.0625, 69.0892, 73.5588

Complementary

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



65.4627, 69.0892, 77.5954



66.4657, 69.6956, 73.5689

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.



65.4355, 69.0892, 72.9266



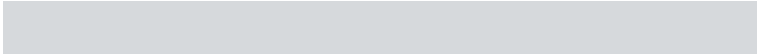
65.4627, 69.0892, 77.5954



66.2556, 69.0892, 73.5024

Square

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



65.4627, 69.0892, 77.5954



66.4893, 69.0892, 75.8142



65.8721, 69.0892, 72.9061



64.8520, 69.0892, 74.6416

Rectangle

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



65.4627, 69.0892, 77.5954



66.1640, 69.0892, 77.1996



65.8721, 69.0892, 72.9061



65.1729, 69.0892, 73.2871

Sweetspot

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



65.4647, 69.0922, 77.5969



93.7132, 98.7098, 108.7214



65.8372, 70.4882, 75.7141



20.0726, 21.1416, 23.2727



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

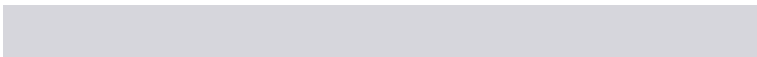
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.4647, 69.0922, 77.5969



91.0847, 96.1645, 108.3687



64.7228, 67.6083, 77.3496



13.9580, 14.7490, 16.7633



10.9741, 9.8177, 41.0550



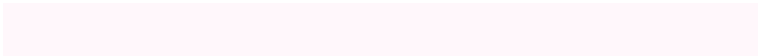
0.7971, 0.8084, 2.6885

Inverse Universe

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



66.0877, 68.3198, 75.3530



92.0488, 94.9722, 104.8953



67.2208, 71.2057, 73.8205



14.1435, 14.5208, 16.0944



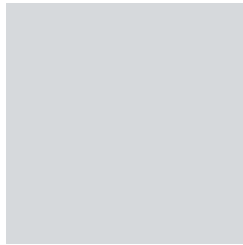
19.0346, 9.6149, 9.8280



1.2766, 0.6403, 0.8658

Previews

White Background



This preview shows how the XYZ color 65.4627, 69.0892, 77.5954 looks on a white background.

Color Contrast Check

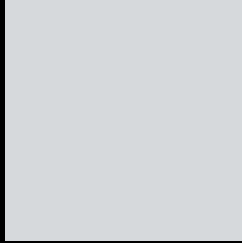
Large Text (above 18pt) WCAG AA × Fail

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 65.4627, 69.0892, 77.5954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

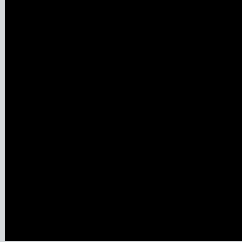
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

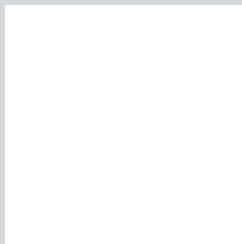
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.4627, 69.0892, 77.5954

Background



This preview shows how black text looks on a background with the XYZ color 65.4627, 69.0892, 77.5954.

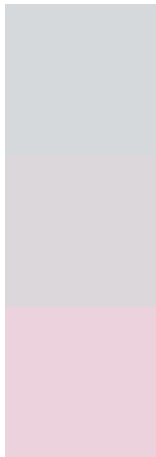


This preview shows how white text looks on a background with the XYZ color 65.4627, 69.0892,

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

65.4627, 69.0892, 77.5954

Protanopia

66.3000, 68.7754, 76.7984

Deuteranopia

70.3587, 68.9758, 78.0120



Tritanopia

67.1848, 69.0260, 86.1263

Trichromacy



Original Color

65.4627, 69.0892, 77.5954

Protanomaly

65.9573, 68.9779, 76.8556

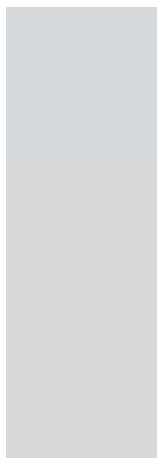
Deuteranomaly

68.5239, 69.1399, 78.1403

Tritanomaly

66.5838, 69.1602, 83.2387

Monochromacy



Original Color

65.4627, 69.0892, 77.5954

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 65.4627, 69.0892, 77.5954 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, 217, 220) looks like.

```
.text, #text, p{  
    color:rgb(214, 217, 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, 217, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 217, 220) }
```

Border

The CSS property to change the border of an element to XYZ 65.4627, 69.0892, 77.5954 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, 217, 220) }
```


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

```
.border{ border-color:rgb(214, 217, 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, 217, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 217, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 217, 220);  
box-shadow:4px 4px 4px 4px rgb(214, 217,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4627, 69.0892, 77.5954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 217, 220) }
```

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

```
.background{ background-color: rgb(214,  
217, 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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