

Converting Colors

XYZ(64.8441, 68.3585, 77.6886)

Have a look what the booklet for
XYZ(64.8441, 68.3585, 77.6886)
contains.

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Color

**XYZ(64.9147, 68.4252,
77.4962)**

Conversions

Conversions Part 1

Format	Color
Hex	D5D8DC
RGB	213, 216, 220
RGB Percent	84%, 85%, 86%
CMY	0.1647, 0.1529, 0.1372
CMYK	0.03, 0.02, 0.00, 0.14
HSL	214°, 9%, 85%
HSV	214°, 3%, 86%
XYZ	64.9147, 68.4252, 77.4962
YIQ	215.5590, -3.0720, 0.6080

Conversions

Conversions Part 2

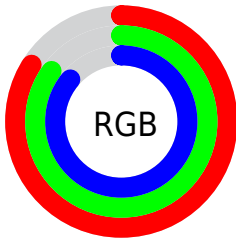
Format	Color
R _Y B	213, 215, 220
Decimal	14014684
CIE Lab	86.22, -0.27, -2.33
CIE LCh	86, 2.345, 263.282
Yxy	68.4252, 0.3079, 0.3245
Android (android.graphics.Color)	4292204764 (0xFFD5D8DC)
YUV	215.5590, 2.1894, -2.2442
Hunter-Lab	82.7195, -4.6801, 2.3575

Details

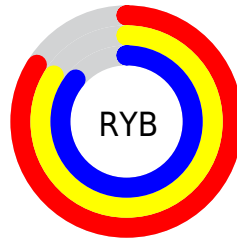
The XYZ color **64.9147, 68.4252, 77.4962** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.3384, 69.6447, 72.8981**, and the grayscale version is **64.9591, 68.3420, 74.4245**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.6370, 35.4755, 40.6719** is the 20% darker color. If you saturate the color by 10%, you get **55.8659, 59.1664, 76.1870**, and if you desaturate by 10%, it is **75.0791, 78.6281, 78.9309**.

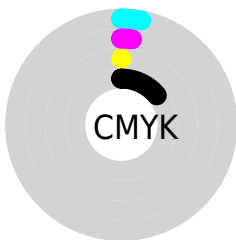
Distribution



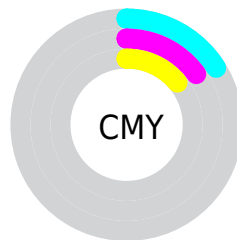
- Red (84%)
- Green (85%)
- Blue (86%)



- Red (84%)
- Yellow (84%)
- 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 64.9147, 68.4252, 77.4962 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 64.9147, 68.4252, 77.4962 by changing the saturation by 10% instead.

■ 64.9147, 68.4252,
77.4962

■ 64.9147, 68.4252,
77.4962

432.0354,
455.0010, 505.9367

■ 47.6564, 50.2437,
57.1462

110.9936,
116.9602, 131.6191

■ 33.7649, 35.6071,
40.7125

140.5449,
148.0826, 166.2291

■ 22.8751, 24.1309,
27.7765

174.9245,
184.2873, 206.4295

■ 14.6215, 15.4308,
17.9197

214.4979,
225.9589, 252.6388

■ 8.6388, 9.1223,
10.7235

259.6303,
273.4816, 305.2757

■ 4.5615, 4.8210,
5.7694

310.6871,

■ 2.0245, 2.1426,

327.2400, 364.7586

2.6389

368.0337,
387.6183, 431.5061

■ 0.6476, 0.6884,
0.9124

■ 0.0000, 0.0000,
0.0000

■ 64.9147, 68.4252,
77.4962

■ 64.9147, 68.4252,
77.4962

■ 55.8659, 59.1664,
76.1870

■ 75.0791, 78.6281,
78.9309

■ 47.8867, 50.8141,
74.9954

■ 85.6508, 89.4121,
80.4552

■ 40.9364, 43.3409,
73.9193

■ 89.5005, 97.1113,
81.7384

■ 34.9696, 36.7146,
72.9547

■ 89.9185, 97.9474,
81.8778

■ 29.9369, 30.9007,
72.0978

■ 25.7845, 25.8620,
71.3441

■ 22.4524, 21.5578,
70.6889

■ 19.8722, 17.9423,
70.1271

■ 17.9623, 14.9625,
69.6526

Harmonies

Analogous

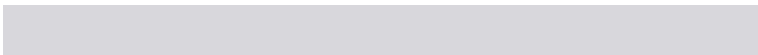
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.4172, 68.4252, 76.9129



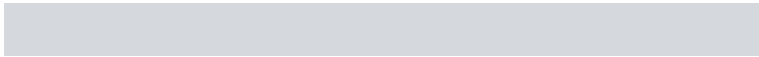
64.9147, 68.4252, 77.4962



65.4474, 68.4252, 77.2688

Triad

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



64.9147, 68.4252, 77.4962



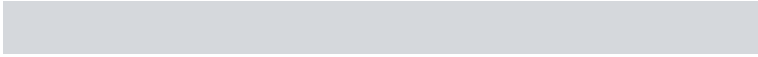
65.9946, 68.4252, 73.3341



64.2072, 68.4252, 72.7394

Complementary

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



64.9147, 68.4252, 77.4962



66.3384, 69.6447, 72.8981

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.



64.6265, 68.4252, 71.8048



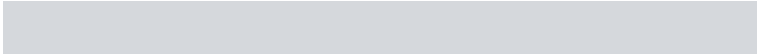
64.9147, 68.4252, 77.4962



65.6589, 68.4252, 72.1448

Square

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



64.9147, 68.4252, 77.4962



66.0729, 68.4252, 74.8518



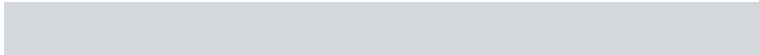
65.1577, 68.4252, 71.5887



64.0102, 68.4252, 74.1561

Rectangle

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



64.9147, 68.4252, 77.4962



65.7506, 68.4252, 76.6895



65.1577, 68.4252, 71.5887



64.3268, 68.4252, 72.3593

Sweetspot

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



64.9167, 68.4281, 77.4977



93.6554, 98.5942, 108.7022



65.5548, 70.3417, 75.7461



20.0608, 21.1181, 23.2688



0.0000, 0.0000, 0.0000



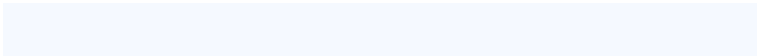
20.3446, 21.4041, 23.3091

Same Dimension

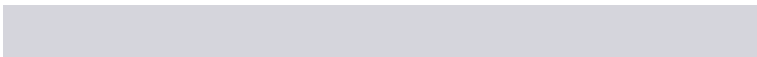
The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.9167, 68.4281, 77.4977



89.5668, 94.4572, 108.1191



64.2897, 66.9729, 77.2499



13.7316, 14.4868, 16.7246



10.0575, 7.9845, 40.7495



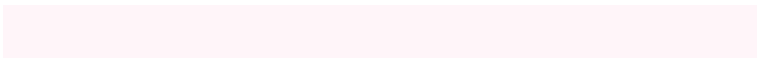
0.7360, 0.6861, 2.6681

Inverse Universe

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



65.7056, 67.7633, 74.5858



90.9584, 93.2945, 102.9808



66.9786, 71.1346, 73.1519



13.9828, 14.2784, 15.7969



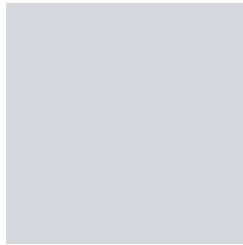
18.5719, 9.4298, 7.3916



1.2458, 0.6280, 0.7032

Previews

White Background



This preview shows how the XYZ color 64.9147, 68.4252, 77.4962 looks on a white background.

Color Contrast Check

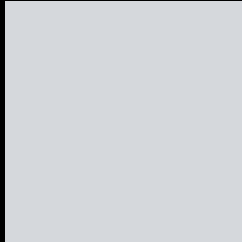
Large Text (above 18pt) WCAG AA × Fail

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 64.9147, 68.4252, 77.4962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

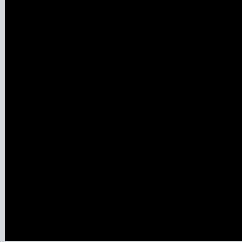
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

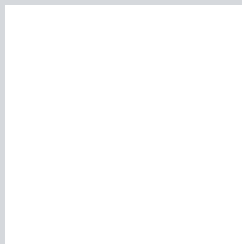
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.9147, 68.4252, 77.4962

Background



This preview shows how black text looks on a background with the XYZ color 64.9147, 68.4252, 77.4962.

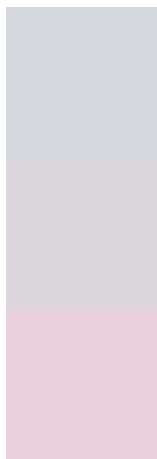


This preview shows how white text looks on a background with the XYZ color 64.9147, 68.4252,

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

64.9147, 68.4252, 77.4962

Protanopia

65.7462, 68.1130, 76.6998

Deuteranopia

69.7833, 68.3138, 77.9145



Tritanopia

66.4947, 68.3097, 85.2818

Trichromacy



Original Color

64.9147, 68.4252, 77.4962

Protanomaly

65.4055, 68.3143, 76.7566

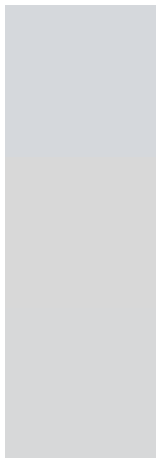
Deuteranomaly

67.9587, 68.4762, 78.0420

Tritanomaly

65.8971, 68.4431, 82.4107

Monochromacy



Original Color

64.9147, 68.4252, 77.4962

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 64.9147, 68.4252, 77.4962 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(213, 216, 220) looks like.

```
.text, #text, p{  
    color:rgb(213, 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(213, 216, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 216, 220) }
```

Border

The CSS property to change the border of an element to XYZ 64.9147, 68.4252, 77.4962 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(213, 216, 220) }
```


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

```
.border{ border-color:rgb(213, 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(213, 216, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 216, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 216, 220); box-shadow:4px 4px 4px 4px rgb(213, 216, 220) }
```

Background

The CSS property to change the background color of an element to XYZ 64.9147, 68.4252, 77.4962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 216, 220) }
```

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

```
.background{ background-color: rgb(213,  
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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