

Converting Colors

XYZ(64.9366, 70.0064, 75.3436)

Have a look what the booklet for
XYZ(64.9366, 70.0064, 75.3436)
contains.

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Color

**XYZ(64.8518, 69.9932,
75.0577)**

Conversions

Conversions Part 1

Format	Color
Hex	D3DCD8
RGB	211, 220, 216
RGB Percent	83%, 86%, 85%
CMY	0.1725, 0.1372, 0.1529
CMYK	0.04, 0.00, 0.02, 0.14
HSL	153°, 11%, 85%
HSV	153°, 4%, 86%
XYZ	64.8518, 69.9932, 75.0577
YIQ	216.8530, -4.0800, -3.1520

Conversions

Conversions Part 2

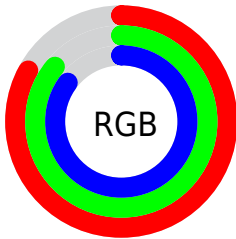
Format	Color
R _Y B	211, 217, 220
Decimal	13884632
CIE Lab	86.99, -3.76, 0.90
CIE LCh	87, 3.863, 166.526
Yxy	69.9932, 0.3090, 0.3335
Android (android.graphics.Color)	4292074712 (0xFFD3DCD8)
YUV	216.8530, -0.4205, -5.1331
Hunter-Lab	83.6619, -8.0415, 5.3711

Details

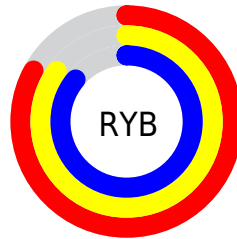
The XYZ color **64.8518, 69.9932, 75.0577** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.0778, 66.7122, 73.7401**, and the grayscale version is **65.8591, 69.2889, 75.4557**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.5985, 36.5514, 39.0025** is the 20% darker color. If you saturate the color by 10%, you get **57.7482, 66.4750, 68.3192**, and if you desaturate by 10%, it is **72.8973, 73.9923, 82.2363**.

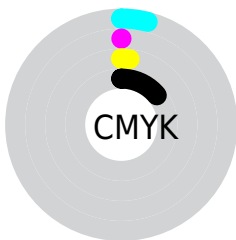
Distribution



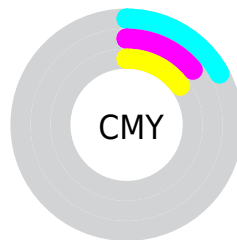
- Red (83%)
- Green (86%)
- Blue (85%)



- Red (83%)
- Yellow (85%)
- Blue (86%)



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)
- Black (14%)



- Cyan (17%)
- Magenta (14%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.8518, 69.9932, 75.0577 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 64.8518, 69.9932, 75.0577 by changing the saturation by 10% instead.

■ 64.8518, 69.9932,
75.0577

■ 64.8518, 69.9932,
75.0577

431.8128,
460.5261, 497.3766

■ 47.6052, 51.5210,
55.1581

110.9037,
119.1991, 128.1419

■ 33.7243, 36.6234,
39.1289

140.4396,
150.7015, 162.1636

■ 22.8437, 24.9160,
26.5514

174.8027,
187.3161, 201.7298

■ 14.5982, 16.0145,
17.0072

214.3583,
229.4274, 247.2590

■ 8.6224, 9.5344,
10.0776

259.4718,
277.4196, 299.1697

■ 4.5508, 5.0914,
5.3441

310.5084,

■ 2.0182, 2.3010,

331.6772, 357.8805

2.3883

367.8337,
392.5846, 423.8100

■ 0.6442, 0.7742,
0.7801

■ 0.0000, 0.0000,
0.0000

■ 64.8518, 69.9932,
75.0577

■ 64.8518, 69.9932,
75.0577

■ 57.7482, 66.4750,
68.3192

■ 72.8973, 73.9923,
82.2363

■ 51.5445, 63.4101,
62.0077

■ 81.9121, 78.4802,
89.8585

■ 46.2041, 60.7819,
56.1161

■ 83.3695, 79.0631,
97.5333

■ 41.6857, 58.5692,
50.6351

■ 84.8846, 79.6692,
105.5115

■ 37.9444, 56.7491,
45.5554

■ 34.9307, 55.2961,
40.8670

■ 32.5893, 54.1820,
36.5595

■ 30.8562, 53.3739,
32.6217

■ 29.6539, 52.8321,
29.0416

Harmonies

Analogous

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



65.2741, 69.9932, 72.8396



64.8518, 69.9932, 75.0577



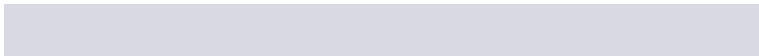
64.8753, 69.9932, 77.6343

Triad

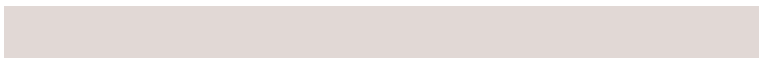
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.8518, 69.9932, 75.0577



67.0217, 69.9932, 81.0791



67.7285, 69.9932, 72.6580

Complementary

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



64.8518, 69.9932, 75.0577



65.0778, 66.7122, 73.7401

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.



68.2053, 69.9932, 74.8046



64.8518, 69.9932, 75.0577



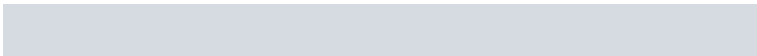
67.7947, 69.9932, 79.6842

Square

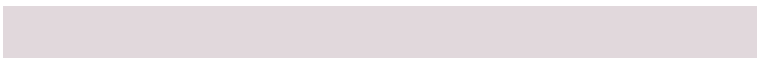
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.8518, 69.9932, 75.0577



66.1226, 69.9932, 81.1506



68.2297, 69.9932, 77.3754



66.9319, 69.9932, 71.4755

Rectangle

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



64.8518, 69.9932, 75.0577



65.1406, 69.9932, 79.2095



68.2297, 69.9932, 77.3754



67.9318, 69.9932, 73.2885

Sweetspot

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



64.8538, 69.9962, 75.0592



93.9360, 99.4467, 107.8977



65.3925, 70.3475, 71.7607



20.1179, 21.2915, 23.1052



0.0000, 0.0000, 0.0000



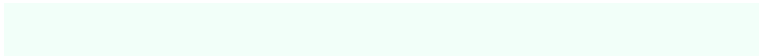
20.3446, 21.4041, 23.3091

Same Dimension

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



64.8538, 69.9962, 75.0592



89.6143, 97.3017, 103.9510



65.2599, 69.9698, 77.7798



13.7793, 15.0200, 16.0070



17.1453, 30.8908, 16.1966



1.1539, 2.0185, 1.2765

Inverse Universe

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



65.0778, 66.7122, 73.7401



89.9974, 91.6855, 101.6951



64.6814, 66.7328, 71.1005



13.8456, 14.0477, 15.6164



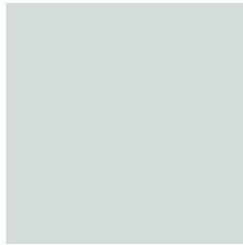
18.6654, 9.4672, 7.8841



1.2522, 0.6305, 0.7368

Previews

White Background



This preview shows how the XYZ color 64.8518, 69.9932, 75.0577 looks on a white background.

Color Contrast Check

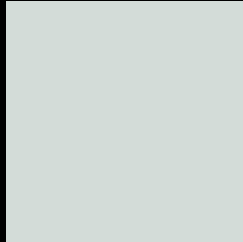
Large Text (above 18pt) WCAG AA × Fail

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 64.8518, 69.9932, 75.0577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

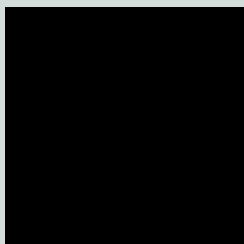
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

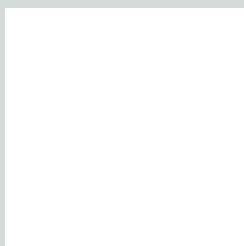
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.8518, 69.9932, 75.0577

Background



This preview shows how black text looks on a background with the XYZ color 64.8518, 69.9932, 75.0577.

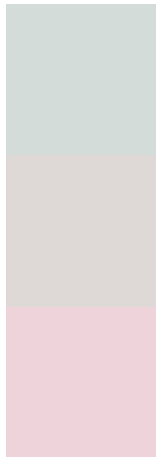


This preview shows how white text looks on a background with the XYZ color 64.8518, 69.9932,

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

64.8518, 69.9932, 75.0577

Protanopia

67.0747, 70.0103, 73.5965

Deuteranopia

71.2090, 69.8276, 76.0546



Tritanopia

67.3957, 69.8624, 87.7746

Trichromacy



Original Color

64.8518, 69.9932, 75.0577

Protanomaly

66.2506, 69.9545, 74.3008

Deuteranomaly

68.5659, 69.5969, 75.4654

Tritanomaly

66.3771, 69.8350, 82.6541

Monochromacy



Original Color

64.8518, 69.9932, 75.0577

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

65.6201, 69.5996, 75.6212

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.8518, 69.9932, 75.0577 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(211, 220, 216) looks like.

```
.text, #text, p{  
    color:rgb(211, 220, 216)  
}
```

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(211, 220, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 220, 216) }
```

Border

The CSS property to change the border of an element to XYZ 64.8518, 69.9932, 75.0577 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(211, 220, 216) }
```


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

```
.border{ border-color:rgb(211, 220, 216) }
```

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

Here you see how a box with a 4 pixel rgb(211, 220, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 220, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 220, 216);  
box-shadow:4px 4px 4px 4px rgb(211, 220,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 64.8518, 69.9932, 75.0577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 220, 216) }
```

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

```
.background{ background-color: rgb(211,  
220, 216) }
```

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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