

# Converting Colors

XYZ(65.9493, 69.8132, 77.2245)

Have a look what the booklet for  
XYZ(65.9493, 69.8132, 77.2245)  
contains.

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# **Color**

**XYZ(65.8819, 69.7044,  
76.9998)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7DADB
RGB	215, 218, 219
RGB Percent	84%, 85%, 86%
CMY	0.1569, 0.1451, 0.1412
CMYK	0.02, 0.00, 0.00, 0.14
HSL	195°, 5%, 85%
HSV	195°, 2%, 86%
XYZ	65.8819, 69.7044, 76.9998
YIQ	217.2170, -2.1090, -0.3250

# Conversions

## Conversions Part 2

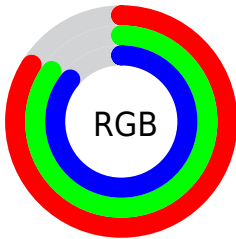
Format	Color
R <sub>Y</sub> B	215, 217, 219
Decimal	14146267
CIE Lab	86.85, -0.83, -0.86
CIE LCh	87, 1.190, 225.968
Yxy	69.7044, 0.3099, 0.3279
Android (android.graphics.Color)	4292336347 (0xFFD7DADB)
YUV	217.2170, 0.8790, -1.9443
Hunter-Lab	83.4892, -5.2504, 3.7608

# Details

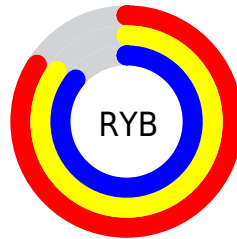
The XYZ color **65.8819, 69.7044, 76.9998** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.0350, 69.0772, 74.1437**, and the grayscale version is **66.0990, 69.5413, 75.7305**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.2952, 36.3483, 40.3303** is the 20% darker color. If you saturate the color by 10%, you get **58.4860, 63.8283, 76.2565**, and if you desaturate by 10%, it is **74.1892, 76.1234, 77.8020**.

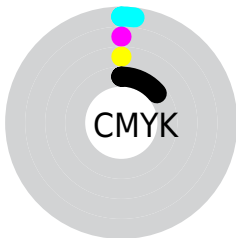
# Distribution



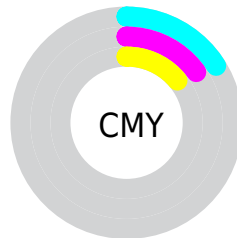
- Red (84%)
- Green (85%)
- Blue (86%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the XYZ color 65.8819, 69.7044, 76.9998 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 65.8819, 69.7044, 76.9998 by changing the saturation by 10% instead.



■ 65.8819, 69.7044,  
76.9998

■ 65.8819, 69.7044,  
76.9998

435.4497,  
459.5114, 504.2010

■ 48.4439, 51.2856,  
56.7411

112.3755,  
118.7871, 130.9122

■ 34.3913, 36.4359,  
40.3895

142.1618,  
150.2198, 165.4030

■ 23.3586, 24.7711,  
27.5263

176.7948,  
186.7592, 205.4750

■ 14.9807, 15.9066,  
17.7329

216.6401,  
228.7898, 251.5467

■ 8.8921, 9.4581,  
10.5910

262.0628,  
276.6959, 304.0366

■ 4.7274, 5.0411,  
5.6818

313.4284,

■ 2.1213, 2.2714,

330.8620, 363.3632

2.5869

371.1023,  
391.6723, 429.9452

■ 0.7008, 0.7585,  
0.8857

■ 0.0000, 0.0000,  
0.0000

■ 65.8819, 69.7044,  
76.9998

■ 65.8819, 69.7044,  
76.9998

■ 58.4860, 63.8283,  
76.2565

■ 74.1892, 76.1234,  
77.8020

■ 51.9611, 58.4677,  
75.5657

■ 82.0218, 82.3654,  
78.5940

■ 46.2726, 53.6060,  
74.9271

■ 83.5541, 85.4299,  
79.1048

■ 41.3811, 49.2223,  
74.3388

■ 85.1341, 88.5901,  
79.6314

■ 37.2440, 45.2940,  
73.7986

■ 86.7625, 91.8467,  
80.1742

■ 33.8145, 41.7962,  
73.3042

■ 88.4395, 95.2007,  
80.7332

■ 31.0404, 38.7013,  
72.8530

■ 89.7864, 97.8946,  
81.1822

■ 28.8617, 35.9776,  
72.4421

■ 27.2066, 33.5874,  
72.0680

# Harmonies

## Analogous

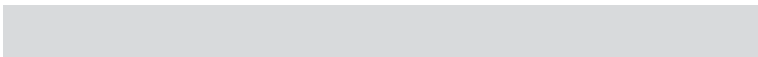
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



65.7405, 69.7044, 76.3173



65.8819, 69.7044, 76.9998



66.1227, 69.7044, 77.3879

# Triad

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



65.8819, 69.7044, 76.9998



66.7708, 69.7044, 76.2672



66.1053, 69.7044, 74.4371

# Complementary

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



65.8819, 69.7044, 76.9998



66.0350, 69.0772, 74.1437

# 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.



66.3813, 69.7044, 74.4239



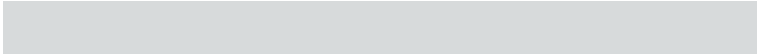
65.8819, 69.7044, 76.9998



66.7661, 69.7044, 75.4768

# Square

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



65.8819, 69.7044, 76.9998



66.6362, 69.7044, 76.9629



66.6234, 69.7044, 74.8033



65.8692, 69.7044, 74.8394



# Rectangle

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



65.8819, 69.7044, 76.9998



66.3074, 69.7044, 77.4257



66.6234, 69.7044, 74.8033



66.1965, 69.7044, 74.3871

# Sweetspot

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



65.8839, 69.7074, 77.0013



93.9158, 99.1150, 108.7890



65.7429, 70.0656, 74.9805



20.1138, 21.2240, 23.2865



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

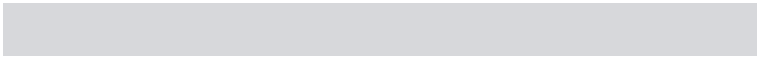
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.8839, 69.7074, 77.0013



92.7947, 98.2378, 108.6787



65.3844, 68.7084, 76.8348



14.3937, 15.2318, 16.8335



15.5929, 19.0551, 42.5946



1.0767, 1.3675, 2.7817



# Inverse Universe

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



66.1702, 68.7241, 76.1108



93.2407, 96.7075, 107.2914



66.5343, 70.0757, 74.3101



14.4583, 15.0099, 16.6325



21.3659, 10.5474, 22.1046

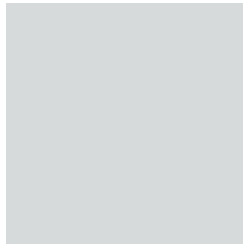


1.4178, 0.6967, 1.6088



# Previews

## White Background



This preview shows how the XYZ color 65.8819, 69.7044, 76.9998 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

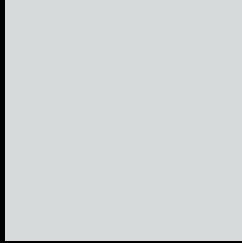
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 65.8819, 69.7044, 76.9998 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

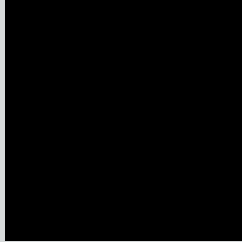
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

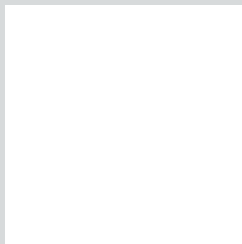
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 65.8819, 69.7044, 76.9998

## Background



This preview shows how black text looks on a background with the XYZ color 65.8819, 69.7044, 76.9998.



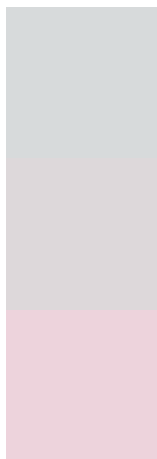
This preview shows how white text looks on a background with the XYZ color 65.8819, 69.7044,



# 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

65.8819, 69.7044, 76.9998

### Protanopia

67.0295, 69.5458, 76.2205

### Deuteranopia

71.1376, 69.7604, 77.4259



## Tritanopia

67.8791, 69.7466, 86.9756

# Trichromacy



## Original Color

65.8819, 69.7044, 76.9998

## Protanomaly

66.6812, 69.7477, 76.2779

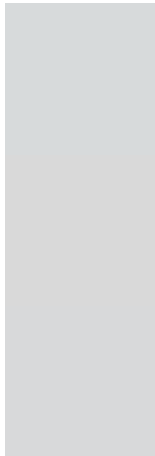
## Deuteranomaly

69.2779, 69.9185, 77.5544

## Tritanomaly

67.1353, 69.8261, 83.3382

# Monochromacy



## Original Color

65.8819, 69.7044, 76.9998

## Achromatopsia

65.9525, 69.3872, 75.5626

## Achromatomaly

65.7866, 69.2866, 76.2360

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 65.8819, 69.7044, 76.9998 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(215, 218, 219) looks like.

```
.text, #text, p{  
    color:rgb(215, 218, 219)  
}
```

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(215, 218, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 218, 219) }
```

## Border

The CSS property to change the border of an element to XYZ 65.8819, 69.7044, 76.9998 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(215, 218, 219) }
```



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

```
.border{ border-color:rgb(215, 218, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 218, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 218, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 218, 219);  
box-shadow:4px 4px 4px 4px rgb(215, 218,  
219) }
```

# Background

The CSS property to change the background color of an element to XYZ 65.8819, 69.7044, 76.9998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 218, 219) }
```

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

```
.background{ background-color: rgb(215,  
218, 219) }
```

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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