

Converting Colors

XYZ(66.1852, 69.1052, 79.7552)

Have a look what the booklet for
XYZ(66.1852, 69.1052, 79.7552)
contains.

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Color

**XYZ(66.1941, 69.0384,
79.6490)**

Conversions

Conversions Part 1

Format	Color
Hex	D8D8DF
RGB	216, 216, 223
RGB Percent	85%, 85%, 87%
CMY	0.1529, 0.1529, 0.1255
CMYK	0.03, 0.03, 0.00, 0.13
HSL	240°, 10%, 86%
HSV	240°, 3%, 87%
XYZ	66.1941, 69.0384, 79.6490
YIQ	216.7980, -2.2470, 2.1770

Conversions

Conversions Part 2

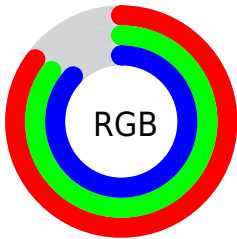
Format	Color
R _Y B	216, 216, 223
Decimal	14211295
CIE Lab	86.52, 1.29, -3.44
CIE LCh	87, 3.675, 290.505
Yxy	69.0384, 0.3080, 0.3213
Android (android.graphics.Color)	4292401375 (0xFFD8D8DF)
YUV	216.7980, 3.0576, -0.6998
Hunter-Lab	83.0893, -3.2023, 1.3275

Details

The XYZ color **66.1941, 69.0384, 79.6490** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.2140, 73.4205, 75.4905**, and the grayscale version is **65.7976, 69.2242, 75.3851**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.5107, 35.8940, 42.1551** is the 20% darker color. If you saturate the color by 10%, you get **54.7197, 55.2148, 77.5866**, and if you desaturate by 10%, it is **79.3412, 84.8779, 82.0145**.

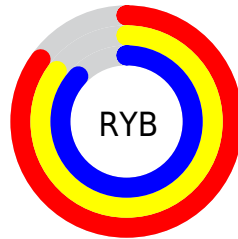
Distribution



Red (85%)

Green (85%)

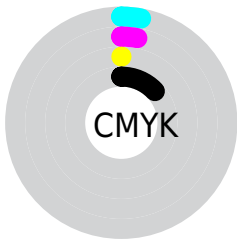
Blue (87%)



Red (85%)

Yellow (85%)

Blue (87%)

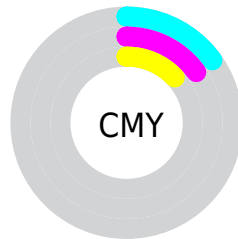


Cyan (3%)

Magenta (3%)

Yellow (0%)

Black (13%)



Cyan (15%)

Magenta (15%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.1941, 69.0384, 79.6490 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 66.1941, 69.0384, 79.6490 by changing the saturation by 10% instead.

■ 66.1941, 69.0384,
79.6490

■ 66.1941, 69.0384,
79.6490

436.5484,
457.1664, 513.4247

■ 48.6983, 50.7430,
58.9051

112.8211,
117.8364, 134.6791

■ 34.5937, 36.0041,
42.1172

142.6829,
149.1078, 169.8023

■ 23.5151, 24.4374,
28.8668

177.3975,
185.4733, 210.5557

■ 15.0971, 15.6584,
18.7354

217.3301,
227.3173, 257.3579

■ 8.9743, 9.2827,
11.3044

262.8461,
275.0243, 310.6273

■ 4.7814, 4.9261,
6.1552

314.3110,

■ 2.1530, 2.2039,

328.9785, 370.7826

2.8694

372.0900,
389.5644, 438.2422

■ 0.7178, 0.7221,
1.0283

■ 0.0000, 0.0000,
0.0000

■ 66.1941, 69.0384,
79.6490

■ 66.1941, 69.0384,
79.6490

■ 54.7197, 55.2148,
77.5866

■ 79.3412, 84.8779,
82.0145

■ 44.8452, 43.3180,
75.8107

■ 90.3195, 98.1078,
83.9895

■ 36.5015, 33.2651,
74.3101

■ 29.6120, 24.9640,
73.0709

■ 24.0934, 18.3143,
72.0783

■ 19.8543, 13.2059,
71.3157

■ 16.7918, 9.5149,
70.7646

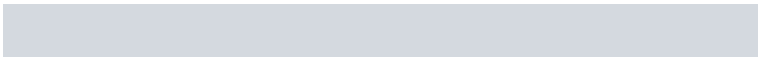
■ 14.7874, 7.0988,
70.4039

■ 13.6980, 5.7850,
70.2078

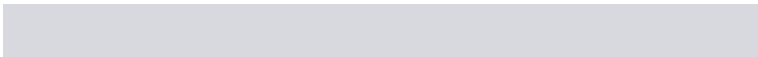
Harmonies

Analogous

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



65.3492, 69.0384, 79.8912



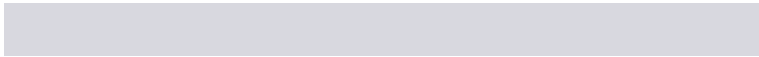
66.1941, 69.0384, 79.6490



66.8905, 69.0384, 78.1929

Triad

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



66.1941, 69.0384, 79.6490



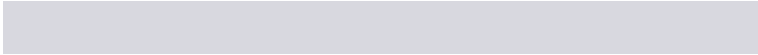
66.6657, 69.0384, 71.6105



64.0173, 69.0384, 74.4002

Complementary

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



66.1941, 69.0384, 79.6490



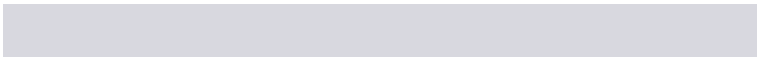
69.2140, 73.4205, 75.4905

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.



64.3636, 69.0384, 72.2281



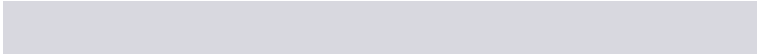
66.1941, 69.0384, 79.6490



65.8894, 69.0384, 70.6406

Square

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



66.1941, 69.0384, 79.6490



67.1644, 69.0384, 73.5406



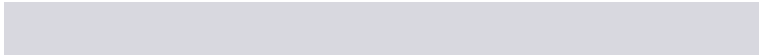
65.0471, 69.0384, 70.8642



64.0973, 69.0384, 76.8255

Rectangle

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



66.1941, 69.0384, 79.6490



67.1744, 69.0384, 76.7468



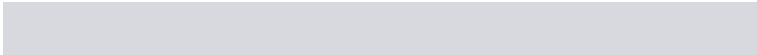
65.0471, 69.0384, 70.8642



64.0876, 69.0384, 73.6171

Sweetspot

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



66.1961, 69.0413, 79.6505



93.3103, 97.9041, 108.5871



68.0113, 72.6969, 80.1780



19.9906, 20.9776, 23.2454



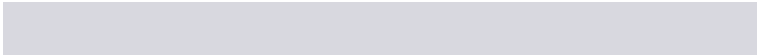
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



66.1961, 69.0413, 79.6505



88.2299, 91.7834, 107.6735



67.2052, 69.5603, 79.6975



14.1653, 14.7054, 17.4795



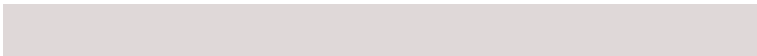
7.8324, 3.1345, 41.2406



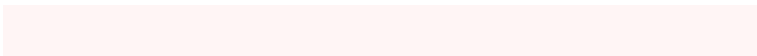
0.5431, 0.2176, 2.8586

Inverse Universe

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



67.3835, 69.7590, 74.8826



90.2836, 93.0245, 99.4272



68.1828, 72.8903, 75.4425



14.5551, 14.9410, 15.9146



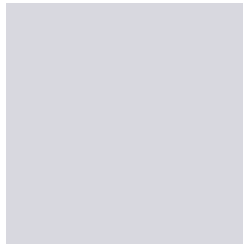
17.8937, 9.2245, 0.8398



1.2404, 0.6394, 0.0587

Previews

White Background



This preview shows how the XYZ color 66.1941, 69.0384, 79.6490 looks on a white background.

Color Contrast Check

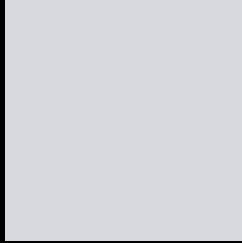
Large Text (above 18pt) WCAG AA × Fail

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 66.1941, 69.0384, 79.6490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

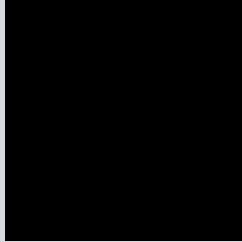
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

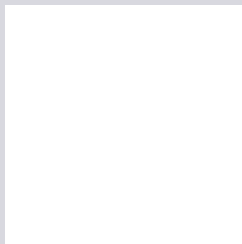
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.1941, 69.0384, 79.6490

Background



This preview shows how black text looks on a background with the XYZ color 66.1941, 69.0384, 79.6490.

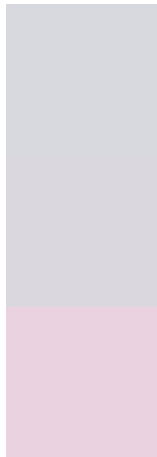


This preview shows how white text looks on a background with the XYZ color 66.1941, 69.0384,

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

66.1941, 69.0384, 79.6490

Protanopia

66.5332, 68.8340, 79.5917

Deuteranopia

70.4328, 68.9674, 80.1208



Tritanopia

67.4812, 69.1788, 86.1401

Trichromacy



Original Color

66.1941, 69.0384, 79.6490

Protanomaly

66.2350, 68.6803, 79.5777

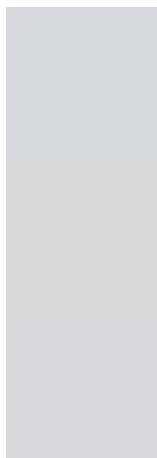
Deuteranomaly

68.6766, 68.7997, 80.1810

Tritanomaly

67.0586, 69.0097, 83.9146

Monochromacy



Original Color

66.1941, 69.0384, 79.6490

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

66.2143, 69.4919, 76.9412

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.1941, 69.0384, 79.6490 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(216, 216, 223) looks like.

```
.text, #text, p{  
    color:rgb(216, 216, 223)  
}
```

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(216, 216, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 216, 223) }
```

Border

The CSS property to change the border of an element to XYZ 66.1941, 69.0384, 79.6490 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(216, 216, 223) }
```


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

```
.border{ border-color:rgb(216, 216, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 216, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 216, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 216, 223);  
box-shadow:4px 4px 4px 4px rgb(216, 216,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 66.1941, 69.0384, 79.6490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 216, 223) }
```

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

```
.background{ background-color: rgb(216,  
216, 223) }
```

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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