

Converting Colors

XYZ(66.5997, 69.3541, 79.2311)

Have a look what the booklet for
XYZ(66.5997, 69.3541, 79.2311)
contains.

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Color

**XYZ(66.3560, 69.1374,
78.9548)**

Conversions

Conversions Part 1

Format	Color
Hex	D9D8DE
RGB	217, 216, 222
RGB Percent	85%, 85%, 87%
CMY	0.1490, 0.1529, 0.1294
CMYK	0.02, 0.03, 0.00, 0.13
HSL	250°, 8%, 86%
HSV	250°, 3%, 87%
XYZ	66.3560, 69.1374, 78.9548
YIQ	216.9830, -1.3300, 2.0780

Conversions

Conversions Part 2

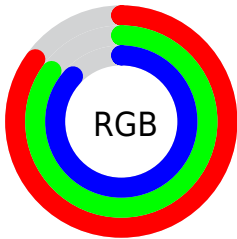
Format	Color
R _Y B	217, 216, 222
Decimal	14276830
CIE Lab	86.57, 1.44, -2.83
CIE LCh	87, 3.177, 296.901
Yxy	69.1374, 0.3094, 0.3224
Android (android.graphics.Color)	4292466910 (0xFFD9D8DE)
YUV	216.9830, 2.4734, 0.0149
Hunter-Lab	83.1489, -3.0608, 1.9049

Details

The XYZ color **66.3560, 69.1374, 78.9548** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.3374, 72.5745, 75.3758**, and the grayscale version is **65.9277, 69.3610, 75.5342**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.6202, 35.9611, 41.6757** is the 20% darker color. If you saturate the color by 10%, you get **55.8517, 55.8434, 76.9435**, and if you desaturate by 10%, it is **78.2498, 84.2922, 81.2542**.

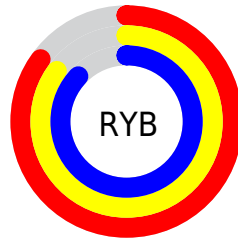
Distribution



Red (85%)

Green (85%)

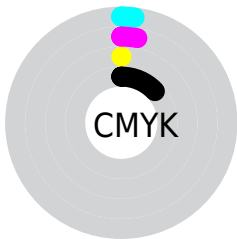
Blue (87%)



Red (85%)

Yellow (85%)

Blue (87%)

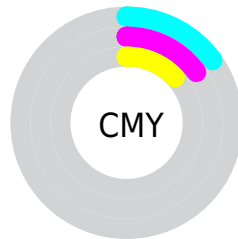


Cyan (2%)

Magenta (3%)

Yellow (0%)

Black (13%)



Cyan (15%)

Magenta (15%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.3560, 69.1374, 78.9548 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 66.3560, 69.1374, 78.9548 by changing the saturation by 10% instead.

■ 66.3560, 69.1374,
78.9548

■ 66.3560, 69.1374,
78.9548

437.1176,
457.5154, 511.0170

■ 48.8302, 50.8236,
58.3375

113.0520,
117.9778, 133.6933

■ 34.6988, 36.0683,
41.6636

142.9530,
149.2732, 168.6517

■ 23.5964, 24.4869,
28.5144

177.7098,
185.6646, 209.2275

■ 15.1576, 15.6952,
18.4713

217.6876,
227.5364, 255.8392

■ 9.0171, 9.3087,
11.1160

263.2520,
275.2730, 308.9055

■ 4.8095, 4.9431,
6.0297

314.7682,

■ 2.1696, 2.2139,

329.2588, 368.8449

2.7941

372.6016,
389.8781, 436.0759

■ 0.7266, 0.7276,
0.9905

■ 0.0000, 0.0000,
0.0000

■ 66.3560, 69.1374,
78.9548

■ 66.3560, 69.1374,
78.9548

■ 55.8517, 55.8434,
76.9435

■ 78.2498, 84.2922,
81.2542

■ 46.6802, 44.3298,
75.2045

■ 89.8266, 97.8692,
83.2646

■ 38.7893, 34.5231,
73.7275

■ 90.1850, 98.0540,
83.2814

■ 32.1213, 26.3416,
72.4998

■ 26.6141, 19.6966,
71.5074

■ 22.1997, 14.4909,
70.7353

■ 18.8031, 10.6162,
70.1664

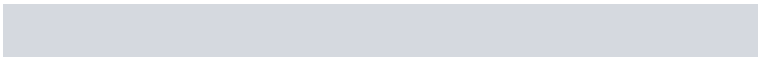
■ 16.3393, 7.9483,
69.7813

■ 14.7088, 6.3391,
69.5567

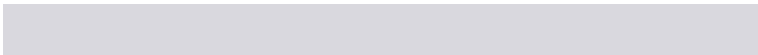
Harmonies

Analogous

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



65.6365, 69.1374, 79.4027



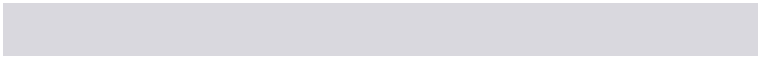
66.3560, 69.1374, 78.9548



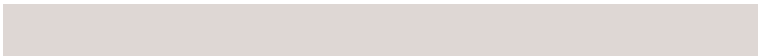
66.9068, 69.1374, 77.5159

Triad

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



66.3560, 69.1374, 78.9548



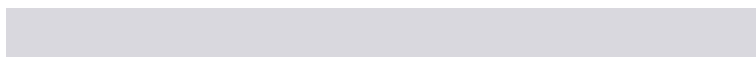
66.4896, 69.1374, 71.9314



64.3088, 69.1374, 75.0598

Complementary

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



66.3560, 69.1374, 78.9548



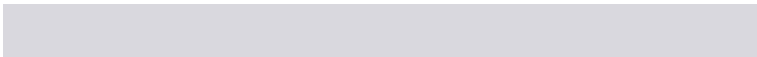
68.3374, 72.5745, 75.3758

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.



64.5335, 69.1374, 73.0853



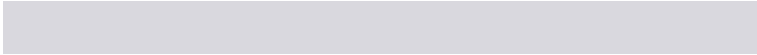
66.3560, 69.1374, 78.9548



65.7896, 69.1374, 71.3004

Square

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



66.3560, 69.1374, 78.9548



66.9843, 69.1374, 73.4583



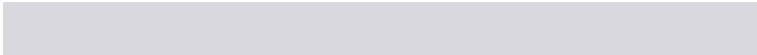
65.0742, 69.1374, 71.7189



64.4579, 69.1374, 77.1293

Rectangle

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



66.3560, 69.1374, 78.9548



67.1023, 69.1374, 76.2020



65.0742, 69.1374, 71.7189



64.3430, 69.1374, 74.3633

Sweetspot

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



66.3580, 69.1404, 78.9563



93.4640, 97.9827, 108.5942



67.3889, 71.6406, 79.3846



20.0219, 20.9936, 23.2469



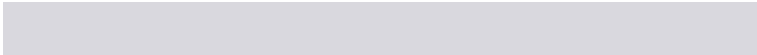
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



66.3580, 69.1404, 78.9563



90.3500, 94.0260, 107.9946



67.2280, 69.5889, 78.9970



14.5082, 15.0557, 17.5291



8.3450, 3.3973, 41.2643



0.6436, 0.2691, 2.8633

Inverse Universe

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



67.7337, 69.8649, 78.3255



92.4539, 95.1342, 107.0282



67.4615, 72.1230, 75.3348



14.9341, 15.2801, 17.3326



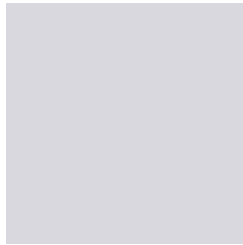
23.1369, 11.3218, 28.4504



1.6301, 0.7953, 2.1108

Previews

White Background



This preview shows how the XYZ color 66.3560, 69.1374, 78.9548 looks on a white background.

Color Contrast Check

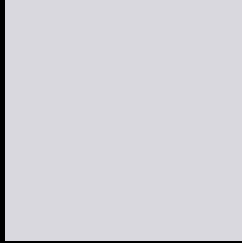
Large Text (above 18pt) WCAG AA × Fail

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 66.3560, 69.1374, 78.9548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

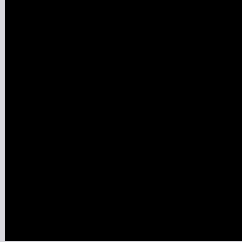
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

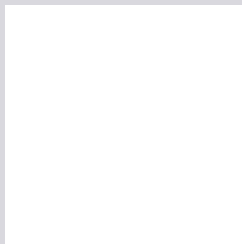
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.3560, 69.1374, 78.9548

Background



This preview shows how black text looks on a background with the XYZ color 66.3560, 69.1374, 78.9548.

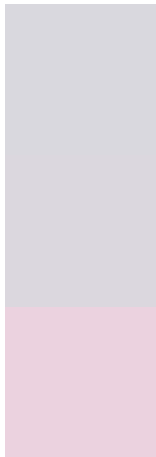


This preview shows how white text looks on a background with the XYZ color 66.3560, 69.1374,

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

66.3560, 69.1374, 78.9548

Protanopia

66.6987, 68.9349, 78.8976

Deuteranopia

70.6268, 69.0831, 79.4240



Tritanopia

67.6377, 69.2758, 85.4080

Trichromacy



Original Color

66.3560, 69.1374, 78.9548

Protanomaly

66.3987, 68.7802, 78.8836

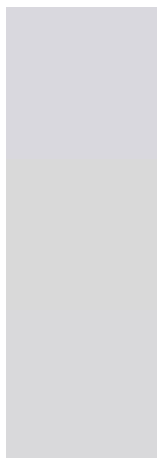
Deuteranomaly

68.8577, 68.9087, 79.4835

Tritanomaly

67.2175, 69.1077, 83.1952

Monochromacy



Original Color

66.3560, 69.1374, 78.9548

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 66.3560, 69.1374, 78.9548 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(217, 216, 222) looks like.

```
.text, #text, p{  
    color:rgb(217, 216, 222)  
}
```

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(217, 216, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 216, 222) }
```

Border

The CSS property to change the border of an element to XYZ 66.3560, 69.1374, 78.9548 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(217, 216, 222) }
```


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

```
.border{ border-color:rgb(217, 216, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 216, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 216, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 216, 222);  
box-shadow:4px 4px 4px 4px rgb(217, 216,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 66.3560, 69.1374, 78.9548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 216, 222) }
```

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

```
.background{ background-color: rgb(217,  
216, 222) }
```

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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