

Converting Colors

XYZ(65.6084, 69.1837, 80.6134)

Have a look what the booklet for
XYZ(65.6084, 69.1837, 80.6134)
contains.

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Color

**XYZ(65.4188, 69.0046,
80.3923)**

Conversions

Conversions Part 1

Format	Color
Hex	D4D9E0
RGB	212, 217, 224
RGB Percent	83%, 85%, 88%
CMY	0.1686, 0.1490, 0.1216
CMYK	0.05, 0.03, 0.00, 0.12
HSL	215°, 16%, 85%
HSV	215°, 5%, 88%
XYZ	65.4188, 69.0046, 80.3923
YIQ	216.3030, -5.2270, 1.1170

Conversions

Conversions Part 2

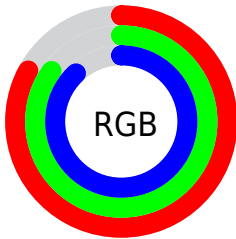
Format	Color
R _Y B	212, 216, 224
Decimal	13949408
CIE Lab	86.51, -0.38, -4.03
CIE LCh	87, 4.048, 264.648
Yxy	69.0046, 0.3045, 0.3212
Android (android.graphics.Color)	4292139488 (0xFFD4D9E0)
YUV	216.3030, 3.7946, -3.7737
Hunter-Lab	83.0690, -4.7978, 0.7688

Details

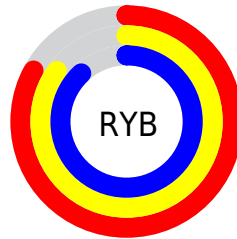
The XYZ color **65.4188, 69.0046, 80.3923** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.9559, 71.2632, 72.4620**, and the grayscale version is **65.4560, 68.8648, 74.9937**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.9864, 35.8733, 42.6691** is the 20% darker color. If you saturate the color by 10%, you get **56.1703, 59.4373, 79.0341**, and if you desaturate by 10%, it is **75.8336, 79.5725, 81.8842**.

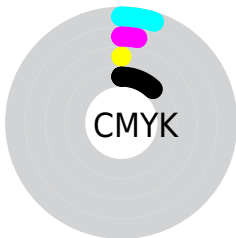
Distribution



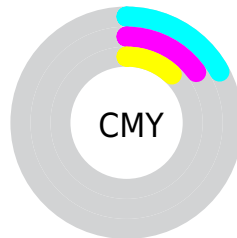
- Red (83%)
- Green (85%)
- Blue (88%)



- Red (83%)
- Yellow (85%)
- Blue (88%)



- Cyan (5%)
- Magenta (3%)
- Yellow (0%)
- Black (12%)



- Cyan (17%)
- Magenta (15%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.4188, 69.0046, 80.3923 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 65.4188, 69.0046, 80.3923 by changing the saturation by 10% instead.

■ 65.4188, 69.0046,
80.3923

■ 65.4188, 69.0046,
80.3923

433.8169,
457.0472, 515.9955

■ 48.0667, 50.7155,
59.5132

111.7141,
117.7881, 135.7335

■ 34.0912, 35.9822,
42.6036

141.3880,
149.0513, 171.0327

■ 23.1269, 24.4205,
29.2451

175.9000,
185.4080, 211.9756

■ 14.8084, 15.6458,
19.0192

215.6152,
227.2425, 258.9808

■ 8.7705, 9.2739,
11.5072

260.8992,
274.9393, 312.4669

■ 4.6477, 4.9202,
6.2906

312.1172,

■ 2.0747, 2.2005,

328.8828, 372.8523

2.9510

369.6347,
389.4573, 440.5557

■ 0.6754, 0.7203,
1.0696

■ 0.0000, 0.0000,
0.0000

■ 65.4188, 69.0046,
80.3923

■ 65.4188, 69.0046,
80.3923

■ 56.1703, 59.4373,
79.0341

■ 75.8336, 79.5725,
81.8842

■ 48.0393, 50.8305,
77.8014

■ 86.7830, 90.8184,
83.4778

■ 40.9822, 43.1544,
76.6917

■ 90.4547, 98.1619,
84.7017

■ 34.9503, 36.3739,
75.7009

■ 29.8905, 30.4516,
74.8244

■ 25.7450, 25.3468,
74.0576

■ 22.4489, 21.0150,
73.3952

■ 19.9276, 17.4059,
72.8315

■ 18.0907, 14.4605,
72.3598

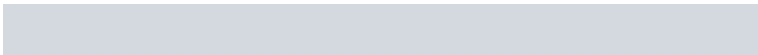
Harmonies

Analogous

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



64.5493, 69.0046, 79.4239



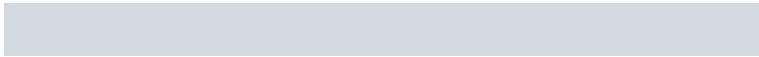
65.4188, 69.0046, 80.3923



66.3414, 69.0046, 79.9247

Triad

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



65.4188, 69.0046, 80.3923



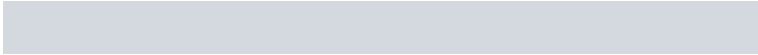
67.2388, 69.0046, 73.0019



64.1276, 69.0046, 72.1867

Complementary

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



65.4188, 69.0046, 80.3923



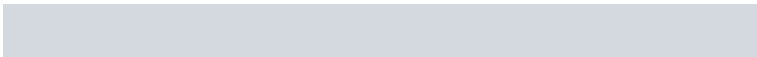
67.9559, 71.2632, 72.4620

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.



64.8379, 69.0046, 70.5392



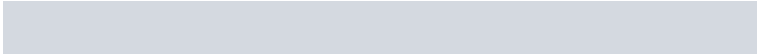
65.4188, 69.0046, 80.3923



66.6353, 69.0046, 71.0019

Square

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



65.4188, 69.0046, 80.3923



67.3979, 69.0046, 75.6169



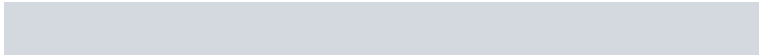
65.7551, 69.0046, 70.1107



63.8084, 69.0046, 74.6537

Rectangle

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



65.4188, 69.0046, 80.3923



66.8617, 69.0046, 78.8672



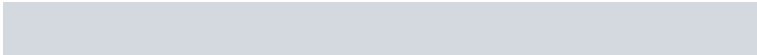
65.7551, 69.0046, 70.1107



64.3282, 69.0046, 71.5210

Sweetspot

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



65.4208, 69.0075, 80.3938



92.2572, 97.1630, 108.4996



66.5680, 72.4135, 77.3497



19.7761, 20.8267, 23.2276



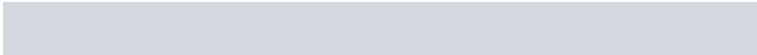
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



65.4208, 69.0075, 80.3938



86.8633, 91.6526, 107.7203



64.3818, 66.5862, 79.9812



14.0076, 14.7834, 17.5029



10.2380, 7.9455, 42.0424



0.7966, 0.7246, 2.9431

Inverse Universe

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



66.8099, 67.9454, 75.2426



88.9586, 90.0624, 99.9478



69.0335, 73.7857, 72.8921



14.3794, 14.5030, 16.1232



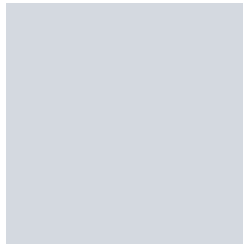
19.1079, 9.7101, 7.2338



1.3683, 0.6906, 0.7324

Previews

White Background



This preview shows how the XYZ color 65.4188, 69.0046, 80.3923 looks on a white background.

Color Contrast Check

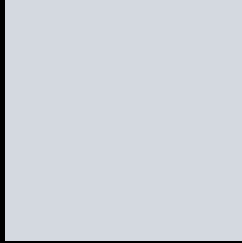
Large Text (above 18pt) WCAG AA × Fail

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 65.4188, 69.0046, 80.3923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

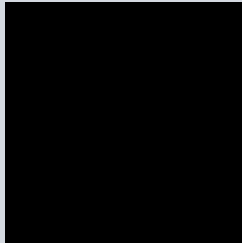
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

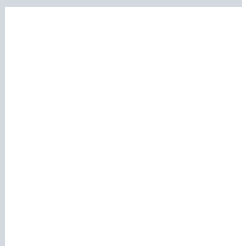
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.4188, 69.0046, 80.3923

Background



This preview shows how black text looks on a background with the XYZ color 65.4188, 69.0046, 80.3923.

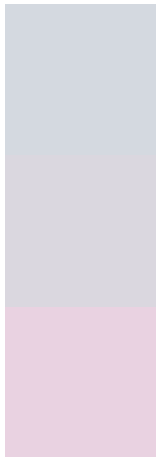


This preview shows how white text looks on a background with the XYZ color 65.4188, 69.0046,

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

65.4188, 69.0046, 80.3923

Protanopia

66.5332, 68.8340, 79.5917

Deuteranopia

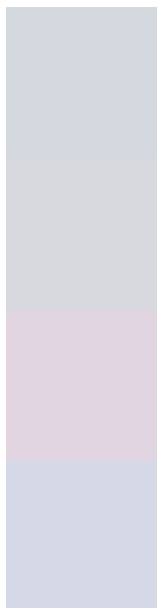
70.2415, 68.8531, 80.8220



Tritanopia

66.7044, 69.1411, 86.9207

Trichromacy



Original Color

65.4188, 69.0046, 80.3923

Protanomaly

66.1941, 69.0384, 79.6490

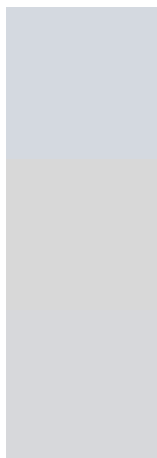
Deuteranomaly

68.4362, 69.0323, 80.9518

Tritanomaly

66.2794, 68.9710, 84.6824

Monochromacy



Original Color

65.4188, 69.0046, 80.3923

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.3664, 68.6733, 76.8279

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4188, 69.0046, 80.3923 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(212, 217, 224) looks like.

```
.text, #text, p{  
    color:rgb(212, 217, 224)  
}
```

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(212, 217, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 217, 224) }
```

Border

The CSS property to change the border of an element to XYZ 65.4188, 69.0046, 80.3923 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(212, 217, 224) }
```


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

```
.border{ border-color:rgb(212, 217, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 217, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 217, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 217, 224);  
box-shadow:4px 4px 4px 4px rgb(212, 217,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4188, 69.0046, 80.3923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 217, 224) }
```

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

```
.background{ background-color: rgb(212,  
217, 224) }
```

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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