

Converting Colors

XYZ(65.2134, 70.8421, 89.5949)

Have a look what the booklet for
XYZ(65.2134, 70.8421, 89.5949)
contains.

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Color

**XYZ(65.3474, 71.1108,
89.6385)**

Conversions

Conversions Part 1

Format	Color
Hex	C8DFEC
RGB	200, 223, 236
RGB Percent	78%, 87%, 93%
CMY	0.2157, 0.1255, 0.0745
CMYK	0.15, 0.06, 0.00, 0.07
HSL	202°, 49%, 85%
HSV	202°, 15%, 93%
XYZ	65.3474, 71.1108, 89.6385
YIQ	217.6050, -17.8810, -0.8330

Conversions

Conversions Part 2

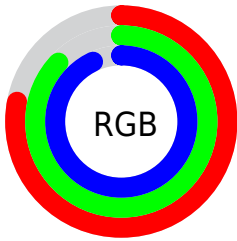
Format	Color
R _Y B	200, 214, 236
Decimal	13164524
CIE Lab	87.54, -4.99, -8.93
CIE LCh	88, 10.229, 240.811
Yxy	71.1108, 0.2890, 0.3145
Android (android.graphics.Color)	4291354604 (0xFFC8DFEC)
YUV	217.6050, 9.0687, -15.4396
Hunter-Lab	84.3272, -9.2482, -3.9953

Details

The XYZ color **65.3474, 71.1108, 89.6385** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.8122, 69.5914, 64.4507**, and the grayscale version is **66.3187, 69.7724, 75.9822**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.0949, 37.4115, 48.6042** is the 20% darker color. If you saturate the color by 10%, you get **57.3054, 63.6719, 88.6276**, and if you desaturate by 10%, it is **74.4810, 79.2863, 90.7363**.

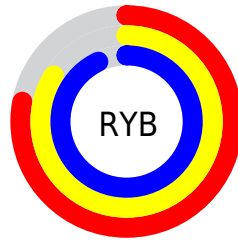
Distribution



Red (78%)

Green (87%)

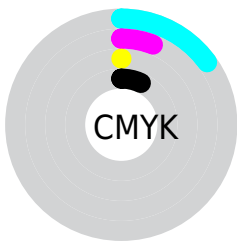
Blue (93%)



Red (78%)

Yellow (84%)

Blue (93%)

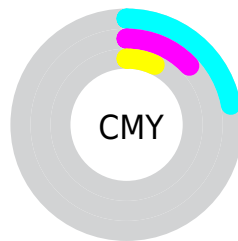


Cyan (15%)

Magenta (6%)

Yellow (0%)

Black (7%)



Cyan (22%)

Magenta (13%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.3474, 71.1108, 89.6385 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 65.3474, 71.1108, 89.6385 by changing the saturation by 10% instead.

■ 65.3474, 71.1108,
89.6385

■ 65.3474, 71.1108,
89.6385

433.5648,
464.4407, 547.3939

■ 48.0086, 52.4326,
67.1088

111.6121,
120.7915, 148.7673

■ 34.0450, 37.3500,
48.7109

141.2687,
152.5628, 186.2035

■ 23.0912, 25.4786,
34.0262

175.7619,
189.4672, 229.4456

■ 14.7819, 16.4340,
22.6362

215.4571,
231.8892, 278.9122

■ 8.7518, 9.8318,
14.1224

260.7196,
280.2132, 335.0218

■ 4.6355, 5.2876,
8.0661

311.9149,

■ 2.0675, 2.4170,

334.8235, 398.1929

4.0489

369.4081,
396.1045, 468.8441

■ 0.6715, 0.8346,
1.6522

■ 0.0000, 0.0000,
0.3277

■ 65.3474, 71.1108,
89.6385

■ 65.3474, 71.1108,
89.6385

■ 57.3054, 63.6719,
88.6276

■ 74.4810, 79.2863,
90.7363

■ 50.3027, 56.9345,
87.6963

■ 84.7433, 88.2142,
91.9186

■ 44.2916, 50.8734,
86.8432

■ 90.1222, 94.7995,
92.9062

■ 39.2182, 45.4582,
86.0653

■ 92.1405, 98.8362,
93.5790

■ 35.0230, 40.6555,
85.3594

■ 31.6390, 36.4281,
84.7218

■ 28.9885, 32.7332,
84.1483

■ 26.9762, 29.5187,
83.6339

■ 26.1746, 28.1244,
83.4070

Harmonies

Analogous

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



63.6752, 71.1108, 84.4472



65.3474, 71.1108, 89.6385



67.6545, 71.1108, 91.5134

Triad

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



65.3474, 71.1108, 89.6385



72.3430, 71.1108, 77.2393



65.2360, 71.1108, 66.5495

Complementary

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



65.3474, 71.1108, 89.6385



68.8122, 69.5914, 64.4507

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.



67.5229, 71.1108, 64.8668



65.3474, 71.1108, 89.6385



71.6593, 71.1108, 70.8081

Square

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



65.3474, 71.1108, 89.6385



71.7278, 71.1108, 84.1018



69.8806, 71.1108, 66.3792



63.6120, 71.1108, 71.1161

Rectangle

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



65.3474, 71.1108, 89.6385



69.2534, 71.1108, 90.5475



69.8806, 71.1108, 66.3792



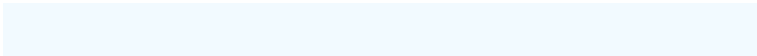
65.9509, 71.1108, 65.6404

Sweetspot

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



65.3495, 71.1137, 89.6401



89.0629, 94.7596, 108.2041



65.7757, 77.0554, 74.0927



18.8889, 20.1287, 23.1396



0.0000, 0.0000, 0.0000



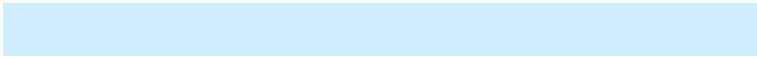
20.3446, 21.4041, 23.3091

Same Dimension

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



65.3495, 71.1137, 89.6401



75.0723, 82.1889, 106.5151



60.8882, 62.1912, 88.1530



15.0338, 16.1541, 19.2479



14.5548, 15.7566, 46.0172



1.2336, 1.4186, 3.6437

Inverse Universe

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



68.5673, 64.4707, 78.6455



79.5607, 73.1083, 91.1375



73.4827, 78.9325, 66.0075



15.4706, 15.2161, 17.7636



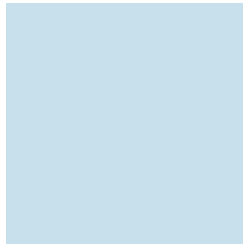
22.2019, 11.0834, 17.3963



1.7892, 0.8886, 1.6070

Previews

White Background



This preview shows how the XYZ color 65.3474, 71.1108, 89.6385 looks on a white background.

Color Contrast Check

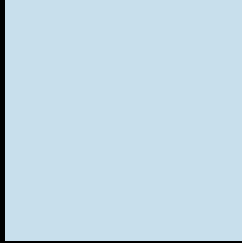
Large Text (above 18pt) WCAG AA × Fail

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 65.3474, 71.1108, 89.6385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

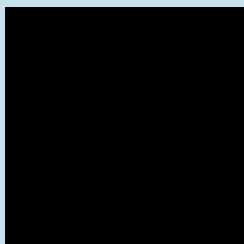
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

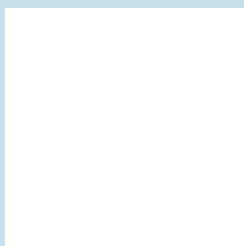
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.3474, 71.1108, 89.6385

Background



This preview shows how black text looks on a background with the XYZ color 65.3474, 71.1108, 89.6385.

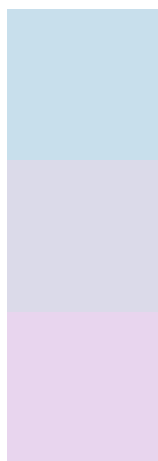


This preview shows how white text looks on a background with the XYZ color 65.3474, 71.1108,

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

65.3474, 71.1108, 89.6385

Protanopia

68.9928, 71.0861, 87.1755

Deuteranopia

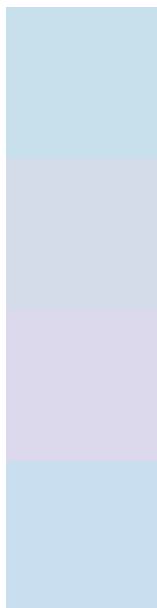
72.5056, 70.9174, 90.7559



Tritanopia

65.9368, 70.9513, 92.6578

Trichromacy



Original Color

65.3474, 71.1108, 89.6385

Protanomaly

67.5959, 71.1240, 88.0075

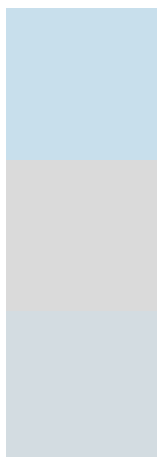
Deuteranomaly

69.6141, 70.9558, 90.1475

Tritanomaly

65.7887, 70.8921, 91.8775

Monochromacy



Original Color

65.3474, 71.1108, 89.6385

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.0478, 70.4715, 81.3554

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3474, 71.1108, 89.6385 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(200, 223, 236)` looks like.

```
.text, #text, p{  
    color:rgb(200, 223, 236)  
}
```

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(200, 223, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 223, 236) }
```

Border

The CSS property to change the border of an element to XYZ 65.3474, 71.1108, 89.6385 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(200, 223, 236) }
```


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

```
.border{ border-color:rgb(200, 223, 236) }
```

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

Here you see how a box with a 4 pixel rgb(200, 223, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 223, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 223, 236);  
box-shadow:4px 4px 4px 4px rgb(200, 223,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3474, 71.1108, 89.6385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 223, 236) }
```

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

```
.background{ background-color: rgb(200,  
223, 236) }
```

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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