

Converting Colors

XYZ(65.2774, 65.8060, 88.2842)

Have a look what the booklet for
XYZ(65.2774, 65.8060, 88.2842)
contains.

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Color

**XYZ(65.3814, 65.8032,
88.6122)**

Conversions

Conversions Part 1

Format	Color
Hex	D5D1EC
RGB	213, 209, 236
RGB Percent	84%, 82%, 93%
CMY	0.1647, 0.1804, 0.0745
CMYK	0.10, 0.11, 0.00, 0.07
HSL	249°, 42%, 87%
HSV	249°, 11%, 93%
XYZ	65.3814, 65.8032, 88.6122
YIQ	213.2740, -6.2830, 9.2450

Conversions

Conversions Part 2

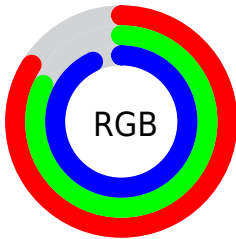
Format	Color
R _Y B	213, 209, 236
Decimal	14012908
CIE Lab	84.90, 6.48, -12.77
CIE LCh	85, 14.319, 296.906
Yxy	65.8032, 0.2975, 0.2994
Android (android.graphics.Color)	4292202988 (0xFFD5D1EC)
YUV	213.2740, 11.2039, -0.2403
Hunter-Lab	81.1192, 1.9110, -7.9832

Details

The XYZ color **65.3814, 65.8032, 88.6122** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **74.7851, 81.7519, 72.1628**, and the grayscale version is **63.3612, 66.6609, 72.5938**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.0601, 34.0071, 47.9489** is the 20% darker color. If you saturate the color by 10%, you get **54.5402, 52.2476, 86.5681**, and if you desaturate by 10%, it is **77.8072, 81.4524, 90.9789**.

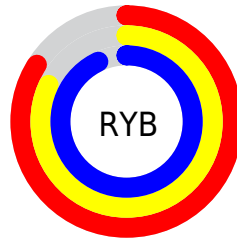
Distribution



Red (84%)

Green (82%)

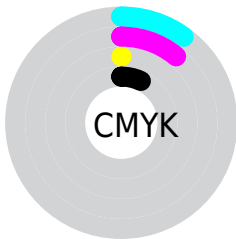
Blue (93%)



Red (84%)

Yellow (82%)

Blue (93%)

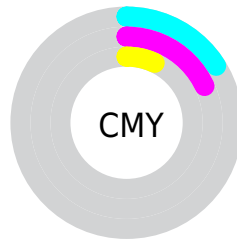


Cyan (10%)

Magenta (11%)

Yellow (0%)

Black (7%)



Cyan (16%)

Magenta (18%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.3814, 65.8032, 88.6122 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 65.3814, 65.8032, 88.6122 by changing the saturation by 10% instead.

■ 65.3814, 65.8032,
88.6122

■ 65.3814, 65.8032,
88.6122

433.6849,
445.6727, 543.9592

■ 48.0363, 48.1127,
66.2630

111.6607,
113.2038, 147.3278

■ 34.0670, 33.9161,
48.0281

141.3255,
143.6827, 184.5312

■ 23.1082, 22.8292,
33.4890

175.8276,
179.1931, 227.5232

■ 14.7945, 14.4674,
22.2271

215.5324,
220.1196, 276.7222

■ 8.7607, 8.4465,
13.8240

260.8051,
266.8463, 332.5467

■ 4.6413, 4.3819,
7.8610

312.0112,

■ 2.0709, 1.8894,

319.7578, 395.4154

3.9196

369.5160,
379.2385, 465.7467

■ 0.6733, 0.5420,
1.5814

■ 0.0000, 0.0000,
0.2775

■ 65.3814, 65.8032,
88.6122

■ 65.3814, 65.8032,
88.6122

■ 54.5402, 52.2476,
86.5681

■ 77.8072, 81.4524,
90.9789

■ 45.2138, 40.6885,
84.8285

■ 91.4863, 98.4990,
93.5483

■ 37.3358, 31.0336,
83.3802

■ 92.1405, 98.8362,
93.5789

■ 30.8328, 23.1800,
82.2070

■ 25.6245, 17.0150,
81.2916

■ 21.6222, 12.4130,
80.6142

■ 18.7260, 9.2308,
80.1527

■ 16.8185, 7.2980,
79.8801

■ 15.8318, 6.4126,
79.7612

Harmonies

Analogous

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



62.2111, 65.8032, 90.8070



65.3814, 65.8032, 88.6122



67.8636, 65.8032, 81.7496

Triad

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



65.3814, 65.8032, 88.6122



65.9781, 65.8032, 57.8248



56.5759, 65.8032, 70.6978

Complementary

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



65.3814, 65.8032, 88.6122



74.7851, 81.7519, 72.1628

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.



57.5099, 65.8032, 62.4158



65.3814, 65.8032, 88.6122



62.8780, 65.8032, 55.3941

Square

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



65.3814, 65.8032, 88.6122



68.2163, 65.8032, 63.9367



59.7898, 65.8032, 57.0009



57.1952, 65.8032, 79.9567

Rectangle

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



65.3814, 65.8032, 88.6122



68.7561, 65.8032, 75.7320



59.7898, 65.8032, 57.0009



56.7178, 65.8032, 67.7145

Sweetspot

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



65.3834, 65.8060, 88.6137



90.3007, 94.0006, 107.9923



70.4062, 77.5519, 90.6161



19.0628, 19.7853, 23.0642



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.



65.3834, 65.8060, 88.6137



74.3823, 73.9808, 104.9671



69.3384, 67.8449, 88.7987



14.4388, 14.6559, 18.9901



8.7925, 3.5686, 43.9684



0.7546, 0.3133, 3.4556

Inverse Universe

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



71.9602, 69.2628, 85.9233



83.8603, 78.9639, 101.0292



70.6895, 79.6405, 71.9712



15.6134, 15.2732, 18.5152



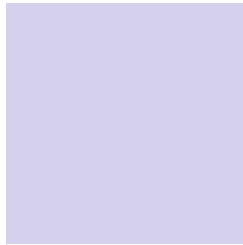
24.9207, 12.1710, 31.7136



1.9830, 0.9662, 2.6277

Previews

White Background



This preview shows how the XYZ color 65.3814, 65.8032, 88.6122 looks on a white background.

Color Contrast Check

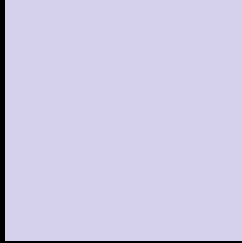
Large Text (above 18pt) WCAG AA × Fail

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 65.3814, 65.8032, 88.6122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

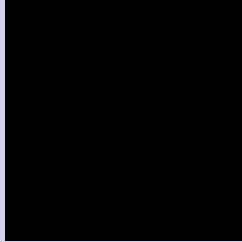
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.3814, 65.8032, 88.6122

Background



This preview shows how black text looks on a background with the XYZ color 65.3814, 65.8032, 88.6122.



This preview shows how white text looks on a background with the XYZ color 65.3814, 65.8032,

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

65.3814, 65.8032, 88.6122

Protanopia

64.3451, 65.6175, 89.3949

Deuteranopia

67.1762, 65.6292, 89.2479



Tritanopia

64.0631, 65.6363, 81.9656

Trichromacy



Original Color

65.3814, 65.8032, 88.6122

Protanomaly

64.9110, 65.9092, 89.4213

Deuteranomaly

66.5123, 65.6455, 89.2860

Tritanomaly

64.4809, 65.8034, 84.1657

Monochromacy



Original Color

65.3814, 65.8032, 88.6122

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

64.0352, 66.4536, 77.8584

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3814, 65.8032, 88.6122 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(213, 209, 236)` looks like.

```
.text, #text, p{  
    color:rgb(213, 209, 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(213, 209, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 209, 236) }
```

Border

The CSS property to change the border of an element to XYZ 65.3814, 65.8032, 88.6122 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(213, 209, 236) }
```


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

```
.border{ border-color:rgb(213, 209, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 209, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 209, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 209, 236);  
box-shadow:4px 4px 4px 4px rgb(213, 209,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3814, 65.8032, 88.6122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 209, 236) }
```

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

```
.background{ background-color: rgb(213,  
209, 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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