

Converting Colors

XYZ(65.3274, 65.6066, 80.5017)

Have a look what the booklet for
XYZ(65.3274, 65.6066, 80.5017)
contains.

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Color

**XYZ(65.3599, 65.6081,
80.4529)**

Conversions

Conversions Part 1

Format	Color
Hex	DBD0E1
RGB	219, 208, 225
RGB Percent	86%, 82%, 88%
CMY	0.1412, 0.1843, 0.1176
CMYK	0.03, 0.08, 0.00, 0.12
HSL	279°, 22%, 85%
HSV	279°, 8%, 88%
XYZ	65.3599, 65.6081, 80.4529
YIQ	213.2270, 1.0990, 7.6190

Conversions

Conversions Part 2

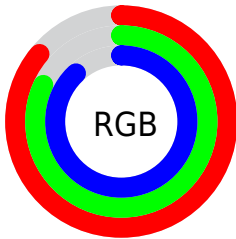
Format	Color
R_{YB}	219, 208, 225
Decimal	14405857
CIE _{Lab}	84.80, 6.86, -7.02
CIE _{LCh}	85, 9.819, 314.329
Yxy	65.6081, 0.3091, 0.3103
Android (android.graphics.Color)	4292595937 (0xFFDBD0E1)
YUV	213.2270, 5.8041, 5.0629
Hunter-Lab	80.9988, 2.2880, -2.1912

Details

The XYZ color **65.3599, 65.6081, 80.4529** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.0444, 72.7023, 70.2299**, and the grayscale version is **63.3612, 66.6610, 72.5938**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.1211, 33.9060, 42.7763** is the 20% darker color. If you saturate the color by 10%, you get **57.9264, 54.2035, 78.6444**, and if you desaturate by 10%, it is **73.6894, 78.6335, 82.5290**.

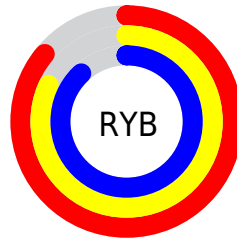
Distribution



Red (86%)

Green (82%)

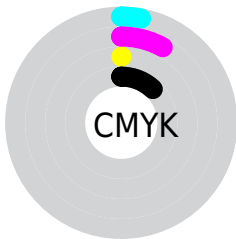
Blue (88%)



Red (86%)

Yellow (82%)

Blue (88%)

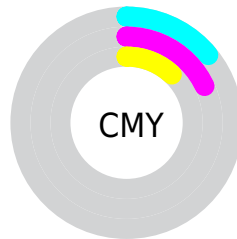


Cyan (3%)

Magenta (8%)

Yellow (0%)

Black (12%)



Cyan (14%)

Magenta (18%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.3599, 65.6081, 80.4529 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 65.3599, 65.6081, 80.4529 by changing the saturation by 10% instead.

65.3599, 65.6081,
80.4529

65.3599, 65.6081,
80.4529

433.6090,
444.9740, 516.2048

48.0188, 47.9543,
59.5628

111.6300,
112.9237, 135.8194

34.0531, 33.7907,
42.6433

141.2896,
143.3543, 171.1329

23.0974, 22.7329,
29.2760

175.7861,
178.8126, 212.0913

14.7866, 14.3964,
19.0424

215.4848,
219.6830, 259.1130

8.7551, 8.3969,
11.5238

260.7511,
266.3500, 312.6167

4.6376, 4.3499,
6.3017

311.9503,

2.0688, 1.8712,

319.1979, 373.0209

2.9577

369.4478,
378.6111, 440.7440

■ 0.6722, 0.5310,
1.0731

■ 0.0000, 0.0000,
0.0000

■ 65.3599, 65.6081,
80.4529

■ 65.3599, 65.6081,
80.4529

■ 57.9264, 54.2035,
78.6444

■ 73.6894, 78.6335,
82.5290

■ 51.3491, 44.3453,
77.0882

■ 82.9414, 93.3333,
84.8787

■ 45.5933, 35.9656,
75.7741

■ 86.2542, 95.9807,
85.2151

■ 40.6198, 28.9882,
74.6895

■ 89.0525, 97.4233,
85.3461

■ 36.3856, 23.3300,
73.8205

■ 90.5908, 98.2163,
85.4181

■ 32.8435, 18.8987,
73.1519

■ 29.9399, 15.5900,
72.6663

■ 27.6121, 13.2812,
72.3433

■ 25.7761, 11.8067,
72.1555

Harmonies

Analogous

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



63.4108, 65.6081, 83.8223



65.3599, 65.6081, 80.4529



66.5187, 65.6081, 74.7571

Triad

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



65.3599, 65.6081, 80.4529



63.5076, 65.6081, 60.4001



58.3510, 65.6081, 74.4749

Complementary

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



65.3599, 65.6081, 80.4529



66.0444, 72.7023, 70.2299

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.



58.3756, 65.6081, 68.2149



65.3599, 65.6081, 80.4529



61.3180, 65.6081, 60.3344

Square

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



65.3599, 65.6081, 80.4529



65.4322, 65.6081, 63.3044



59.4505, 65.6081, 63.1194



59.3826, 65.6081, 80.2359

Rectangle

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



65.3599, 65.6081, 80.4529



66.6703, 65.6081, 70.5260



59.4505, 65.6081, 63.1194



58.2368, 65.6081, 72.3539

Sweetspot

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



65.3618, 65.6109, 80.4543



92.7853, 96.4492, 108.3340



63.7113, 67.0602, 80.8211



19.8836, 20.6813, 23.1939



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.



65.3618, 65.6109, 80.4543



85.2427, 84.7171, 106.4670



66.8925, 66.4355, 78.9227



13.8010, 13.6810, 17.3010



14.7499, 6.6992, 41.5640



1.1184, 0.5139, 2.8855

Inverse Universe

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



65.7471, 65.9773, 72.8913



85.8614, 85.3017, 94.4956



64.6062, 71.9285, 71.6286



13.9061, 13.7801, 15.2755



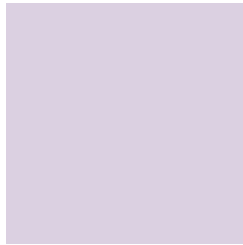
18.7658, 9.5733, 5.4323



1.3422, 0.6802, 0.5951

Previews

White Background



This preview shows how the XYZ color 65.3599, 65.6081, 80.4529 looks on a white background.

Color Contrast Check

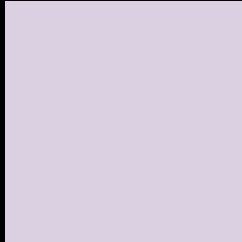
Large Text (above 18pt) WCAG AA × Fail

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 65.3599, 65.6081, 80.4529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

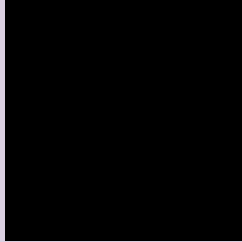
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

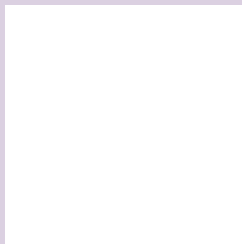
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.3599, 65.6081, 80.4529

Background



This preview shows how black text looks on a background with the XYZ color 65.3599, 65.6081, 80.4529.

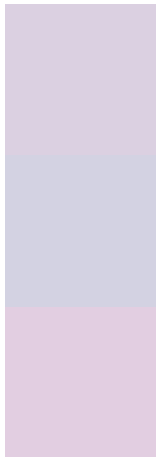


This preview shows how white text looks on a background with the XYZ color 65.3599, 65.6081,

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

65.3599, 65.6081, 80.4529

Protanopia

63.6380, 65.4331, 81.2273

Deuteranopia

67.0259, 65.7476, 80.3921



Tritanopia

65.2238, 65.5536, 79.7365

Trichromacy



Original Color

65.3599, 65.6081, 80.4529

Protanomaly

64.2595, 65.3881, 81.1858

Deuteranomaly

66.3349, 65.7499, 80.4289

Tritanomaly

65.2238, 65.5536, 79.7365

Monochromacy



Original Color

65.3599, 65.6081, 80.4529

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.8430, 66.0454, 75.0288

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3599, 65.6081, 80.4529 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(219, 208, 225)` looks like.

```
.text, #text, p{  
    color:rgb(219, 208, 225)  
}
```

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(219, 208, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 208, 225) }
```

Border

The CSS property to change the border of an element to XYZ 65.3599, 65.6081, 80.4529 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(219, 208, 225) }
```


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

```
.border{ border-color:rgb(219, 208, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 208, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 208, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 208, 225); box-shadow:4px 4px 4px 4px rgb(219, 208, 225) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3599, 65.6081, 80.4529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 208, 225) }
```

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

```
.background{ background-color: rgb(219,  
208, 225) }
```

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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