

Converting Colors

XYZ(65.3659, 65.0578, 81.7491)

Have a look what the booklet for
XYZ(65.3659, 65.0578, 81.7491)
contains.

XYZ(65.3914, 65.2318, 81.8175)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(65.3914, 65.2318,
81.8175)**

Conversions

Conversions Part 1

Format	Color
Hex	DBCFE3
RGB	219, 207, 227
RGB Percent	86%, 81%, 89%
CMY	0.1412, 0.1882, 0.1098
CMYK	0.04, 0.09, 0.00, 0.11
HSL	276°, 26%, 85%
HSV	276°, 9%, 89%
XYZ	65.3914, 65.2318, 81.8175
YIQ	212.8680, 0.7320, 8.7640

Conversions

Conversions Part 2

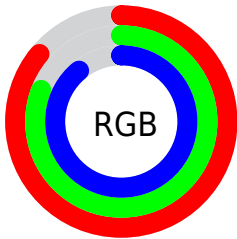
Format	Color
R _Y B	219, 207, 227
Decimal	14405603
CIE Lab	84.60, 7.76, -8.37
CIE LCh	85, 11.420, 312.839
Yxy	65.2318, 0.3078, 0.3071
Android (android.graphics.Color)	4292595683 (0xFFDBCFE3)
YUV	212.8680, 6.9671, 5.3778
Hunter-Lab	80.7662, 3.1795, -3.5254

Details

The XYZ color **65.3914, 65.2318, 81.8175** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.7583, 73.8919, 69.7788**, and the grayscale version is **63.1139, 66.4007, 72.3104**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.1475, 33.6535, 43.7257** is the 20% darker color. If you saturate the color by 10%, you get **57.6249, 53.6439, 79.9911**, and if you desaturate by 10%, it is **74.1014, 78.4834, 83.9172**.

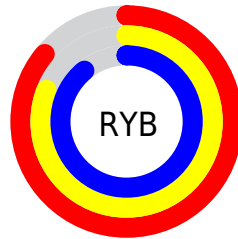
Distribution



Red (86%)

Green (81%)

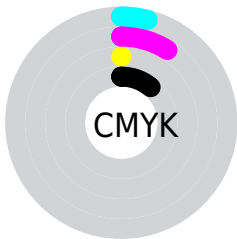
Blue (89%)



Red (86%)

Yellow (81%)

Blue (89%)

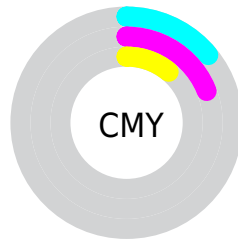


Cyan (4%)

Magenta (9%)

Yellow (0%)

Black (11%)



Cyan (14%)

Magenta (19%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.3914, 65.2318, 81.8175 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 65.3914, 65.2318, 81.8175 by changing the saturation by 10% instead.

65.3914, 65.2318,
81.8175

65.3914, 65.2318,
81.8175

433.7202,
443.6245, 520.9044

48.0444, 47.6491,
60.6802

111.6750,
112.3830, 137.7524

34.0734, 33.5491,
43.5382

141.3422,
142.7204, 173.3871

23.1132, 22.5474,
29.9731

175.8470,
178.0780, 214.6913

14.7983, 14.2597,
19.5663

215.5545,
218.8403, 262.0836

8.7633, 8.3015,
11.8993

260.8303,
265.3917, 315.9826

4.6430, 4.2885,
6.5534

312.0396,

2.0719, 1.8362,

318.1166, 376.8066

3.1102

369.5478,
377.3994, 444.9744

■ 0.6739, 0.5096,
1.1512

■ 0.0000, 0.0000,
0.0000

■ 65.3914, 65.2318,
81.8175

■ 65.3914, 65.2318,
81.8175

■ 57.6249, 53.6439,
79.9911

■ 74.1014, 78.4834,
83.9172

■ 50.7603, 43.6430,
78.4226

■ 83.7831, 93.4546,
86.2967

■ 44.7611, 35.1587,
77.1011

■ 87.7176, 96.7034,
86.7164

■ 39.5859, 28.1118,
76.0137

■ 90.8653, 98.3261,
86.8637

■ 35.1896, 22.4159,
75.1460

■ 31.5223, 17.9751,
74.4821

■ 28.5273, 14.6800,
74.0040

■ 26.1383, 12.4020,
73.6902

■ 24.2555, 10.9460,
73.5084

Harmonies

Analogous

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



63.0957, 65.2318, 85.6007



65.3914, 65.2318, 81.8175



66.7998, 65.2318, 75.2465

Triad

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



65.3914, 65.2318, 81.8175



63.4574, 65.2318, 58.4480



57.3466, 65.2318, 74.1894

Complementary

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



65.3914, 65.2318, 81.8175



66.7583, 73.8919, 69.7788

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.



57.4374, 65.2318, 66.9670



65.3914, 65.2318, 81.8175



60.9188, 65.2318, 58.2079

Square

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



65.3914, 65.2318, 81.8175



65.6624, 65.2318, 61.9085



58.7296, 65.2318, 61.2284



58.4780, 65.2318, 80.9981

Rectangle

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



65.3914, 65.2318, 81.8175



67.0230, 65.2318, 70.3338



58.7296, 65.2318, 61.2284



57.2361, 65.2318, 71.7234

Sweetspot

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



65.3933, 65.2346, 81.8189



91.5409, 94.6400, 108.0504



63.9852, 67.5849, 82.3468



19.3969, 19.9575, 23.0798



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.



65.3933, 65.2346, 81.8189



82.7368, 81.3243, 105.9442



67.6294, 66.4138, 80.7287



14.4080, 14.3126, 18.1476



14.1604, 6.3659, 42.8656



1.1506, 0.5241, 3.1725

Inverse Universe

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



66.2594, 65.8658, 73.5143



84.1532, 82.3540, 92.4817



64.6710, 72.7922, 70.7503



14.6147, 14.4631, 16.1713



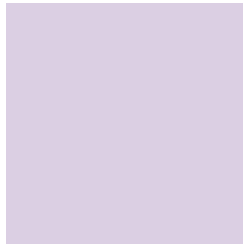
19.6256, 9.9844, 6.9232



1.4951, 0.7558, 0.7479

Previews

White Background



This preview shows how the XYZ color 65.3914, 65.2318, 81.8175 looks on a white background.

Color Contrast Check

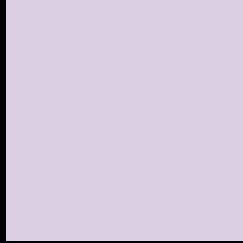
Large Text (above 18pt) WCAG AA × Fail

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 65.3914, 65.2318, 81.8175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

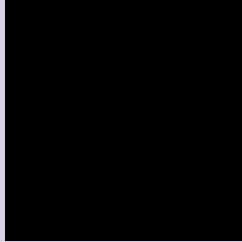
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.3914, 65.2318, 81.8175

Background



This preview shows how black text looks on a background with the XYZ color 65.3914, 65.2318, 81.8175.



This preview shows how white text looks on a background with the XYZ color 65.3914, 65.2318,

81.8175.

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

65.3914, 65.2318, 81.8175

Protanopia

63.7678, 65.4520, 83.4013

Deuteranopia

66.4369, 65.0560, 81.7285



Tritanopia

65.2238, 65.5536, 79.7365

Trichromacy



Original Color

65.3914, 65.2318, 81.8175

Protanomaly

64.2446, 65.3485, 82.6263

Deuteranomaly

66.0606, 65.2183, 81.7797

Tritanomaly

65.3599, 65.6081, 80.4529

Monochromacy



Original Color

65.3914, 65.2318, 81.8175

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.9735, 66.0976, 75.7160

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3914, 65.2318, 81.8175 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, 207, 227)` looks like.

```
.text, #text, p{  
    color:rgb(219, 207, 227)  
}
```

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, 207, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 207, 227) }
```

Border

The CSS property to change the border of an element to XYZ 65.3914, 65.2318, 81.8175 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, 207, 227) }
```


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

```
.border{ border-color:rgb(219, 207, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 207, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 207, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 207, 227);  
box-shadow:4px 4px 4px 4px rgb(219, 207,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3914, 65.2318, 81.8175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 207, 227) }
```

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

```
.background{ background-color: rgb(219,  
207, 227) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor