

Converting Colors

XYZ(64.9772, 65.2473, 84.0546)

Have a look what the booklet for
XYZ(64.9772, 65.2473, 84.0546)
contains.

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Color

**XYZ(65.1577, 65.4239,
84.0568)**

Conversions

Conversions Part 1

Format	Color
Hex	D8D0E6
RGB	216, 208, 230
RGB Percent	85%, 82%, 90%
CMY	0.1529, 0.1843, 0.0980
CMYK	0.06, 0.10, 0.00, 0.10
HSL	262°, 31%, 86%
HSV	262°, 10%, 90%
XYZ	65.1577, 65.4239, 84.0568
YIQ	212.9000, -2.2940, 8.5380

Conversions

Conversions Part 2

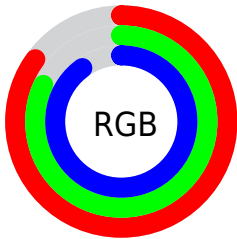
Format	Color
R _Y B	216, 208, 230
Decimal	14209254
CIE Lab	84.70, 6.81, -9.85
CIE LCh	85, 11.974, 304.677
Yxy	65.4239, 0.3036, 0.3048
Android (android.graphics.Color)	4292399334 (0xFFD8D0E6)
YUV	212.9000, 8.4303, 2.7187
Hunter-Lab	80.8850, 2.2435, -4.9954

Details

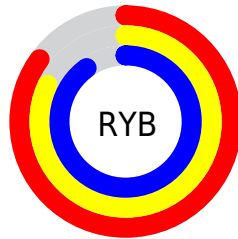
The XYZ color **65.1577, 65.4239, 84.0568** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.8087, 76.6791, 70.7990**, and the grayscale version is **63.1272, 66.4148, 72.3257**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.9914, 33.7834, 45.2868** is the 20% darker color. If you saturate the color by 10%, you get **55.8182, 52.8811, 82.1290**, and if you desaturate by 10%, it is **75.6995, 79.7972, 86.2765**.

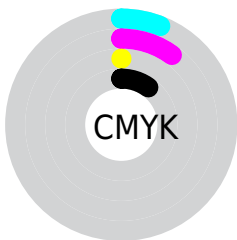
Distribution



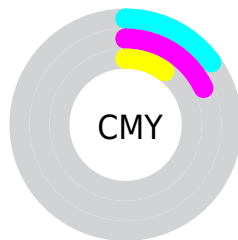
- Red (85%)
- Green (82%)
- Blue (90%)



- Red (85%)
- Yellow (82%)
- Blue (90%)



- Cyan (6%)
- Magenta (10%)
- Yellow (0%)
- Black (10%)



- Cyan (15%)
- Magenta (18%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.1577, 65.4239, 84.0568 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 65.1577, 65.4239, 84.0568 by changing the saturation by 10% instead.

■ 65.1577, 65.4239,
84.0568

■ 65.1577, 65.4239,
84.0568

432.8947,
444.3137, 528.5648

■ 47.8541, 47.8049,
62.5167

111.3410,
112.6591, 140.9171

■ 33.9222, 33.6724,
45.0118

140.9514,
143.0440, 177.0743

■ 22.9964, 22.6420,
31.1237

175.3949,
178.4531, 218.9409

■ 14.7115, 14.3294,
20.4338

215.0367,
219.2706, 266.9356

■ 8.7022, 8.3501,
12.5236

260.2423,
265.8811, 321.4768

■ 4.6030, 4.3198,
6.9745

311.3769,

■ 2.0486, 1.8540,

318.6688, 382.9830

3.3679

368.8059,
378.0182, 451.8728

■ 0.6610, 0.5205,
1.2854

■ 0.0000, 0.0000,
0.0498

■ 65.1577, 65.4239,
84.0568

■ 65.1577, 65.4239,
84.0568

■ 55.8182, 52.8811,
82.1290

■ 75.6995, 79.7972,
86.2765

■ 47.6304, 42.0857,
80.4769

■ 87.4802, 96.0630,
88.7952

■ 40.5485, 32.9602,
79.0887

■ 91.2831, 98.4932,
89.0639

■ 34.5210, 25.4182,
77.9507

■ 29.4924, 19.3653,
77.0474

■ 25.4012, 14.6965,
76.3618

■ 22.1784, 11.2926,
75.8747

■ 19.7437, 9.0133,
75.5630

■ 17.9729, 7.6316,
75.3897

Harmonies

Analogous

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



62.6040, 65.4239, 86.9582



65.1577, 65.4239, 84.0568



66.9523, 65.4239, 77.7274

Triad

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



65.1577, 65.4239, 84.0568



64.4107, 65.4239, 58.7261



57.1939, 65.4239, 72.4441

Complementary

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



65.1577, 65.4239, 84.0568



69.8087, 76.6791, 70.7990

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.



57.6466, 65.4239, 65.1155



65.1577, 65.4239, 84.0568



61.7648, 65.4239, 57.5323

Square

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



65.1577, 65.4239, 84.0568



66.5124, 65.4239, 63.1745



59.3011, 65.4239, 59.7891



58.0465, 65.4239, 79.9546

Rectangle

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



65.1577, 65.4239, 84.0568



67.4497, 65.4239, 72.6116



59.3011, 65.4239, 59.7891



57.1987, 65.4239, 69.8769

Sweetspot

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



65.1596, 65.4267, 84.0582



90.8892, 94.3040, 108.0199



66.4987, 71.5274, 85.1652



19.2211, 19.8669, 23.0716



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.



65.1596, 65.4267, 84.0582



80.4797, 80.1607, 105.8386



68.4249, 67.1100, 84.2110



14.0750, 14.1409, 18.1320



10.2590, 4.3546, 42.6830



0.8572, 0.3729, 3.1588

Inverse Universe

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



68.3762, 67.2117, 78.4800



85.1467, 82.7513, 97.7133



66.6343, 75.0426, 70.6505



14.7611, 14.5216, 16.9425



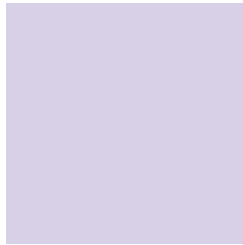
21.4900, 10.7302, 16.7414



1.6322, 0.8106, 1.4699

Previews

White Background



This preview shows how the XYZ color 65.1577, 65.4239, 84.0568 looks on a white background.

Color Contrast Check

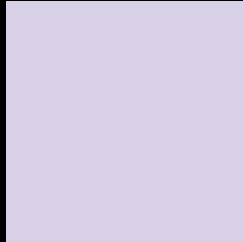
Large Text (above 18pt) WCAG AA × Fail

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 65.1577, 65.4239, 84.0568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

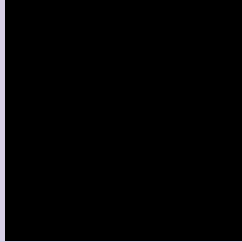
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.1577, 65.4239, 84.0568

Background



This preview shows how black text looks on a background with the XYZ color 65.1577, 65.4239, 84.0568.



This preview shows how white text looks on a background with the XYZ color 65.1577, 65.4239,

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

65.1577, 65.4239, 84.0568

Protanopia

63.7649, 65.4180, 84.8675

Deuteranopia

66.7857, 65.5438, 83.9941



Tritanopia

64.4154, 65.4842, 80.4788

Trichromacy



Original Color

65.1577, 65.4239, 84.0568

Protanomaly

64.3756, 65.3675, 84.8255

Deuteranomaly

66.1110, 65.5545, 84.0318

Tritanomaly

64.6899, 65.5941, 81.9244

Monochromacy



Original Color

65.1577, 65.4239, 84.0568

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.8120, 65.9991, 76.3937

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1577, 65.4239, 84.0568 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(216, 208, 230) looks like.

```
.text, #text, p{  
    color:rgb(216, 208, 230)  
}
```

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(216, 208, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 208, 230) }
```

Border

The CSS property to change the border of an element to XYZ 65.1577, 65.4239, 84.0568 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(216, 208, 230) }
```


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

```
.border{ border-color:rgb(216, 208, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 208, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 208, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 208, 230);  
box-shadow:4px 4px 4px 4px rgb(216, 208,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1577, 65.4239, 84.0568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 208, 230) }
```

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

```
.background{ background-color: rgb(216,  
208, 230) }
```

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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