

Converting Colors

XYZ(65.4972, 63.7276, 84.1649)

Have a look what the booklet for
XYZ(65.4972, 63.7276, 84.1649)
contains.

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Color

**XYZ(65.5985, 63.8535,
84.4689)**

Conversions

Conversions Part 1

Format	Color
Hex	DDCBE7
RGB	221, 203, 231
RGB Percent	87%, 80%, 91%
CMY	0.1333, 0.2039, 0.0941
CMYK	0.04, 0.12, 0.00, 0.09
HSL	279°, 37%, 85%
HSV	279°, 12%, 91%
XYZ	65.5985, 63.8535, 84.4689
YIQ	211.5740, 1.7400, 12.5240

Conversions

Conversions Part 2

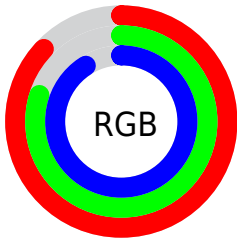
Format	Color
R_{YB}	221, 203, 231
Decimal	14535655
CIE _{Lab}	83.89, 11.31, -11.55
CIE _{LCh}	84, 16.161, 314.395
Yxy	63.8535, 0.3066, 0.2985
Android (android.graphics.Color)	4292725735 (0xFFDDCBE7)
YUV	211.5740, 9.5770, 8.2666
Hunter-Lab	79.9084, 6.6948, -6.7379

Details

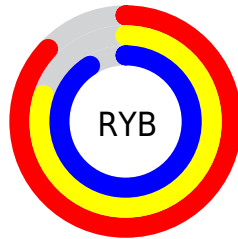
The XYZ color **65.5985, 63.8535, 84.4689** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **66.7983, 75.6115, 67.5769**, and the grayscale version is **62.2359, 65.4770, 71.3045**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.2112, 32.6970, 45.0655** is the 20% darker color. If you saturate the color by 10%, you get **58.0944, 52.4826, 82.6706**, and if you desaturate by 10%, it is **74.0427, 76.9191, 86.5467**.

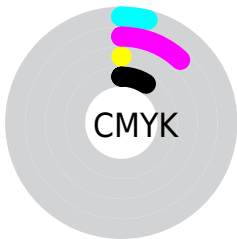
Distribution



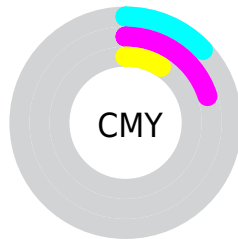
- Red (87%)
- Green (80%)
- Blue (91%)



- Red (87%)
- Yellow (80%)
- Blue (91%)



- Cyan (4%)
- Magenta (12%)
- Yellow (0%)
- Black (9%)



- Cyan (13%)
- Magenta (20%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.5985, 63.8535, 84.4689 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 65.5985, 63.8535, 84.4689 by changing the saturation by 10% instead.

65.5985, 63.8535,
84.4689

65.5985, 63.8535,
84.4689

434.4509,
438.6604, 529.9677

48.2130, 46.5320,
62.8550

111.9708,
110.3999, 141.4985

34.2076, 32.6659,
45.2837

141.6884,
140.3937, 177.7512

23.2168, 21.8706,
31.3364

176.2473,
175.3803, 219.7207

14.8752, 13.7618,
20.5945

216.0131,
215.7442, 267.8255

8.8176, 7.9552,
12.6396

261.3510,
261.8698, 322.4840

4.6786, 4.0663,
7.0530

312.6263,

2.0927, 1.7107,

314.1414, 384.1148

3.4163

370.2045,
372.9435, 453.1366

■ 0.6853, 0.4306,
1.3110

■ 0.0000, 0.0000,
0.0707

■ 65.5985, 63.8535,
84.4689

■ 65.5985, 63.8535,
84.4689

■ 58.0944, 52.4826,
82.6706

■ 74.0427, 76.9191,
86.5467

■ 51.4870, 42.7256,
81.1355

■ 83.4566, 91.7392,
88.9111

■ 45.7381, 34.5074,
79.8523

■ 88.1039, 96.8380,
89.6504

■ 40.8039, 27.7434,
78.8067

■ 91.0590, 98.3614,
89.7887

■ 36.6367, 22.3409,
77.9836

■ 91.4240, 98.5496,
89.8057

■ 33.1831, 18.1959,
77.3655

■ 30.3820, 15.1890,
76.9328

■ 28.1601, 13.1769,
76.6615

■ 26.7260, 12.1115,
76.5315

Harmonies

Analogous

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



62.4057, 63.8535, 90.2582



65.5985, 63.8535, 84.4689



67.5137, 63.8535, 74.9245

Triad

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



65.5985, 63.8535, 84.4689



62.5478, 63.8535, 52.3275



54.3092, 63.8535, 74.5057

Complementary

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



65.5985, 63.8535, 84.4689



66.7983, 75.6115, 67.5769

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.



54.3439, 63.8535, 64.3925



65.5985, 63.8535, 84.4689



59.0077, 63.8535, 52.2391

Square

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



65.5985, 63.8535, 84.4689



65.7060, 63.8535, 56.7123



56.0343, 63.8535, 56.4576



55.9376, 63.8535, 84.1366

Rectangle

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



65.5985, 63.8535, 84.4689



67.7628, 63.8535, 68.0365



56.0343, 63.8535, 56.4576



54.1288, 63.8535, 71.0363

Sweetspot

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



65.6004, 63.8562, 84.4703



90.5542, 92.9794, 107.7818



62.9163, 66.1914, 85.0625



19.2061, 19.6273, 23.0261



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.



65.6004, 63.8562, 84.4703



79.1895, 75.4772, 105.0026



68.2148, 65.2643, 81.8695



14.4695, 14.3443, 18.1504



15.1227, 6.8619, 42.9106



1.2178, 0.5588, 3.1756

Inverse Universe

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



66.3234, 64.5077, 71.9096



80.3294, 76.4933, 85.6976



64.4367, 74.3420, 69.8168



14.5886, 14.4526, 16.0339



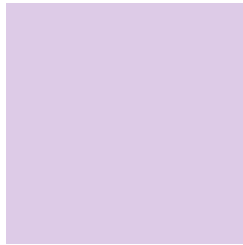
19.3935, 9.8916, 5.7014



1.4762, 0.7482, 0.6482

Previews

White Background



This preview shows how the XYZ color 65.5985, 63.8535, 84.4689 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 65.5985, 63.8535, 84.4689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

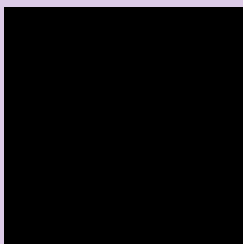
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.5985, 63.8535, 84.4689

Background



This preview shows how black text looks on a background with the XYZ color 65.5985, 63.8535, 84.4689.



This preview shows how white text looks on a background with the XYZ color 65.5985, 63.8535,

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

65.5985, 63.8535, 84.4689

Protanopia

62.8608, 64.1741, 86.9156

Deuteranopia

65.5319, 64.1709, 84.5336



Tritanopia

64.0959, 63.9432, 77.3707

Trichromacy



Original Color

65.5985, 63.8535, 84.4689

Protanomaly

63.6433, 63.8747, 86.0655

Deuteranomaly

65.5319, 64.1709, 84.5336

Tritanomaly

64.6987, 63.8376, 80.1461

Monochromacy



Original Color

65.5985, 63.8535, 84.4689

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.6110, 65.1625, 76.2428

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.5985, 63.8535, 84.4689 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(221, 203, 231)` looks like.

```
.text, #text, p{  
    color:rgb(221, 203, 231)  
}
```

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(221, 203, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 203, 231) }
```

Border

The CSS property to change the border of an element to XYZ 65.5985, 63.8535, 84.4689 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(221, 203, 231) }
```


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

```
.border{ border-color:rgb(221, 203, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 203, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 203, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 203, 231);  
box-shadow:4px 4px 4px 4px rgb(221, 203,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 65.5985, 63.8535, 84.4689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 203, 231) }
```

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

```
.background{ background-color: rgb(221,  
203, 231) }
```

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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