

Converting Colors

XYZ(66.9315, 65.4361, 76.1215)

Have a look what the booklet for
XYZ(66.9315, 65.4361, 76.1215)
contains.

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Color

**XYZ(66.9306, 65.4351,
76.1205)**

Conversions

Conversions Part 1

Format	Color
Hex	E5CDDB
RGB	229, 205, 219
RGB Percent	90%, 80%, 86%
CMY	0.1020, 0.1961, 0.1412
CMYK	0.00, 0.10, 0.04, 0.10
HSL	325°, 32%, 85%
HSV	325°, 10%, 90%
XYZ	66.9306, 65.4351, 76.1205
YIQ	213.7720, 9.8100, 9.4420

Conversions

Conversions Part 2

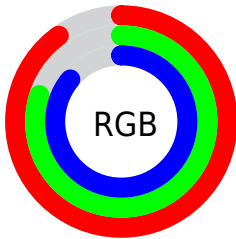
Format	Color
R _{YB}	229, 205, 219
Decimal	15060443
CIE _{Lab}	84.71, 10.75, -3.87
CIE _{LCh}	85, 11.427, 340.196
Y _{xy}	65.4351, 0.3210, 0.3139
Android (android.graphics.Color)	4293250523 (0xFFE5CDDB)
Y _{UV}	213.7720, 2.5774, 13.3550
Hunter-Lab	80.8920, 6.1313, 0.8316

Details

The XYZ color **66.9306, 65.4351, 76.1205** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.4644, 73.9258, 75.1122**, and the grayscale version is **63.7434, 67.0630, 73.0317**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.0010, 33.6978, 39.7815** is the 20% darker color. If you saturate the color by 10%, you get **60.6285, 54.7834, 67.9983**, and if you desaturate by 10%, it is **74.1102, 77.7247, 84.8922**.

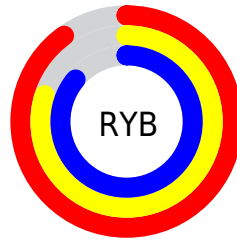
Distribution



Red (90%)

Green (80%)

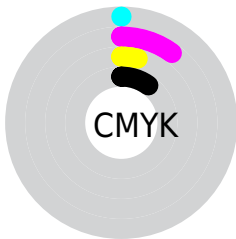
Blue (86%)



Red (90%)

Yellow (80%)

Blue (86%)

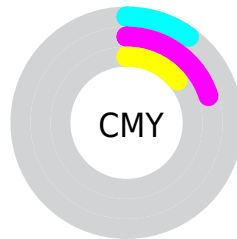


Cyan (0%)

Magenta (10%)

Yellow (4%)

Black (10%)



Cyan (10%)

Magenta (20%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.9306, 65.4351, 76.1205 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 66.9306, 65.4351, 76.1205 by changing the saturation by 10% instead.

66.9306, 65.4351,
76.1205

66.9306, 65.4351,
76.1205

439.1341,
444.3539, 501.1179

49.2987, 47.8140,
56.0241

113.8713,
112.6752, 129.6589

35.0720, 33.6796,
39.8181

143.9108,
143.0629, 163.9379

23.8851, 22.6476,
27.0840

178.8170,
178.4749, 203.7815

15.3727, 14.3335,
17.4034

218.9551,
219.2957, 249.6083

9.1694, 8.3530,
10.3575

264.6905,
265.9096, 301.8368

4.9098, 4.3216,
5.5279

316.3885,

2.2287, 1.8551,

318.7010, 360.8856

2.4961

374.4146,
378.0543, 427.1731

■ 0.7578, 0.5211,
0.8381

■ 0.0000, 0.0000,
0.0000

■ 66.9306, 65.4351,
76.1205

■ 66.9306, 65.4351,
76.1205

■ 60.6285, 54.7834,
67.9983

■ 74.1102, 77.7247,
84.8922

■ 55.1624, 45.6912,
60.5035

■ 82.1955, 91.7094,
94.3261

■ 50.4957, 38.0866,
53.6187

■ 84.9596, 94.9327,
102.3530

■ 46.5868, 31.8882,
47.3237

■ 86.1235, 95.3982,
108.4822

■ 43.3903, 27.0072,
41.5970

■ 40.8555, 23.3443,
36.4151

■ 38.9245, 20.7861,
31.7520

■ 37.5286, 19.1974,
27.5777

■ 36.5866, 18.3675,
24.0142

Harmonies

Analogous

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



65.4182, 65.4351, 82.5414



66.9306, 65.4351, 76.1205



67.1544, 65.4351, 68.7866

Triad

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



66.9306, 65.4351, 76.1205



61.3287, 65.4351, 58.2808



58.5174, 65.4351, 80.7173

Complementary

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



66.9306, 65.4351, 76.1205



65.4644, 73.9258, 75.1122

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.



57.4842, 65.4351, 73.7668



66.9306, 65.4351, 76.1205



59.0777, 65.4351, 61.0342

Square

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



66.9306, 65.4351, 76.1205



63.8730, 65.4351, 58.8157



57.6865, 65.4351, 66.5874



60.5448, 65.4351, 85.3186

Rectangle

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



66.9306, 65.4351, 76.1205



66.5366, 65.4351, 64.4044



57.6865, 65.4351, 66.5874



58.0448, 65.4351, 78.5593

Sweetspot

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



66.9325, 65.4380, 76.1219



92.1488, 95.0122, 105.4218



64.0010, 63.7700, 83.0653



19.5615, 20.0583, 22.3684



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.



66.9325, 65.4380, 76.1219



83.2264, 79.7849, 94.3779



65.4092, 64.8286, 68.1004



14.7278, 14.5083, 16.7669



20.9795, 10.5260, 14.0530



1.5964, 0.7963, 1.2810

Inverse Universe

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



66.9325, 65.4380, 76.1219



83.2264, 79.7849, 94.3779



67.0633, 74.5654, 83.5322



14.7278, 14.5083, 16.7669



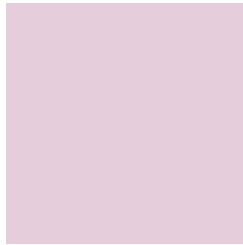
20.9795, 10.5260, 14.0530



1.5964, 0.7963, 1.2810

Previews

White Background



This preview shows how the XYZ color 66.9306, 65.4351, 76.1205 looks on a white background.

Color Contrast Check

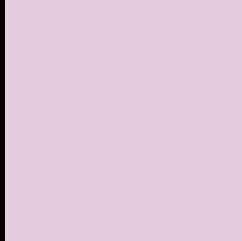
Large Text (above 18pt) WCAG AA × Fail

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 66.9306, 65.4351, 76.1205 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 66.9306, 65.4351, 76.1205

Background



This preview shows how black text looks on a background with the XYZ color 66.9306, 65.4351, 76.1205.



This preview shows how white text looks on a background with the XYZ color 66.9306, 65.4351,

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

66.9306, 65.4351, 76.1205

Protanopia

63.3828, 65.3642, 78.3832

Deuteranopia

66.9306, 65.4351, 76.1205



Tritanopia

67.1956, 65.5411, 77.5157

Trichromacy



Original Color

66.9306, 65.4351, 76.1205

Protanomaly

64.5205, 65.2376, 77.5981

Deuteranomaly

66.9306, 65.4351, 76.1205

Tritanomaly

67.0627, 65.4880, 76.8160

Monochromacy



Original Color

66.9306, 65.4351, 76.1205

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.9024, 66.6065, 74.4014

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.9306, 65.4351, 76.1205 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(229, 205, 219)` looks like.

```
.text, #text, p{  
    color:rgb(229, 205, 219)  
}
```

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(229, 205, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 205, 219) }
```

Border

The CSS property to change the border of an element to XYZ 66.9306, 65.4351, 76.1205 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(229, 205, 219) }
```


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

```
.border{ border-color:rgb(229, 205, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 205, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 205, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 205, 219);  
box-shadow:4px 4px 4px 4px rgb(229, 205,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 66.9306, 65.4351, 76.1205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 205, 219) }
```

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

```
.background{ background-color: rgb(229,  
205, 219) }
```

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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