

Converting Colors

XYZ(67.8394, 65.8808, 83.0514)

Have a look what the booklet for
XYZ(67.8394, 65.8808, 83.0514)
contains.

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Color

**XYZ(67.6527, 65.6507,
83.2349)**

Conversions

Conversions Part 1

Format	Color
Hex	E3CDE5
RGB	227, 205, 229
RGB Percent	89%, 80%, 90%
CMY	0.1098, 0.1961, 0.1020
CMYK	0.01, 0.10, 0.00, 0.10
HSL	295°, 32%, 85%
HSV	295°, 10%, 90%
XYZ	67.6527, 65.6507, 83.2349
YIQ	214.3140, 5.4080, 12.1280

Conversions

Conversions Part 2

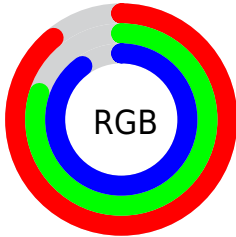
Format	Color
R _Y B	227, 205, 229
Decimal	14929381
CIE Lab	84.82, 11.87, -9.05
CIE LCh	85, 14.924, 322.683
Yxy	65.6507, 0.3124, 0.3032
Android (android.graphics.Color)	4293119461 (0xFFE3CDE5)
YUV	214.3140, 7.2402, 11.1256
Hunter-Lab	81.0251, 7.2463, -4.1894

Details

The XYZ color **67.6527, 65.6507, 83.2349** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.7734, 73.7136, 68.5752**, and the grayscale version is **64.0798, 67.4169, 73.4170**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.7198, 33.9599, 44.7167** is the 20% darker color. If you saturate the color by 10%, you get **61.9728, 55.1787, 81.5139**, and if you desaturate by 10%, it is **74.1448, 77.7352, 85.2263**.

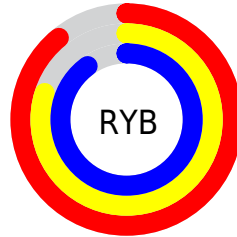
Distribution



Red (89%)

Green (80%)

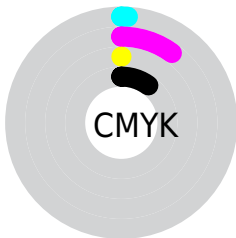
Blue (90%)



Red (89%)

Yellow (80%)

Blue (90%)

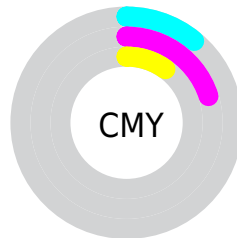


Cyan (1%)

Magenta (10%)

Yellow (0%)

Black (10%)



Cyan (11%)

Magenta (20%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.6527, 65.6507, 83.2349 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 67.6527, 65.6507, 83.2349 by changing the saturation by 10% instead.

67.6527, 65.6507,
83.2349

67.6527, 65.6507,
83.2349

441.6606,
445.1266, 525.7605

49.8879, 47.9889,
61.8422

114.8998,
112.9848, 139.7566

35.5418, 33.8181,
44.4703

145.1128,
143.4260, 175.7227

24.2490, 22.7539,
30.7005

180.2059,
178.8957, 217.3836

15.6441, 14.4119,
20.1143

220.5445,
219.7784, 265.1580

9.3619, 8.4077,
12.2933

266.4939,
266.4584, 319.4643

5.0370, 4.3569,
6.8188

318.4195,

2.3040, 1.8752,

319.3202, 380.7212

3.2723

376.6866,
378.7481, 449.3471

■ 0.7967, 0.5334,
1.2353

■ 0.0000, 0.0000,
0.0079

■ 67.6527, 65.6507,
83.2349

■ 67.6527, 65.6507,
83.2349

■ 61.9728, 55.1787,
81.5139

■ 74.1448, 77.7352,
85.2263

■ 57.0647, 46.2413,
80.0475

■ 81.4760, 91.4889,
87.4946

■ 52.8930, 38.7670,
78.8247

■ 83.4183, 94.4550,
87.9647

■ 49.4174, 32.6750,
77.8320

■ 84.0439, 94.7775,
87.9940

46.5936, 27.8770,
77.0548

84.6762, 95.1034,
88.0236

44.3723, 24.2742,
76.4764

85.3153, 95.4329,
88.0535

42.6971, 21.7537,
76.0782

85.9611, 95.7659,
88.0837

41.5005, 20.1809,
75.8377

86.6138, 96.1023,
88.1143

40.6972, 19.3464,
75.7190

87.2734, 96.4423,
88.1451

Harmonies

Analogous

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



64.9112, 65.6507, 89.8510



67.6527, 65.6507, 83.2349



68.9951, 65.6507, 73.8530

Triad

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



67.6527, 65.6507, 83.2349



63.2213, 65.6507, 54.7318



56.6535, 65.6507, 78.8202

Complementary

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



67.6527, 65.6507, 83.2349



64.7734, 73.7136, 68.5752

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.



56.2373, 65.6507, 69.1632



67.6527, 65.6507, 83.2349



59.9525, 65.6507, 55.8052

Square

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



67.6527, 65.6507, 83.2349



66.3780, 65.6507, 57.8169



57.4246, 65.6507, 60.8919



58.5823, 65.6507, 87.1476

Rectangle

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



67.6527, 65.6507, 83.2349



68.8834, 65.6507, 67.5157



57.4246, 65.6507, 60.8919



56.3349, 65.6507, 75.6016

Sweetspot

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



67.6546, 65.6535, 83.2363



92.4237, 95.0951, 108.0917



61.7324, 63.4592, 83.1249



19.6358, 20.0807, 23.0910



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.



67.6546, 65.6535, 83.2363



84.3623, 80.1226, 105.6266



66.9854, 65.4592, 76.4007



14.8704, 14.5509, 18.1692



23.3183, 11.0869, 43.2941



1.7583, 0.8374, 3.2009

Inverse Universe

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



65.4093, 64.8287, 68.1006



80.8593, 78.8380, 81.9131



65.4129, 73.9052, 74.8408



14.4255, 14.3874, 15.1751



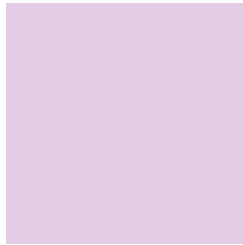
18.5604, 9.5584, 1.3141



1.3885, 0.7131, 0.1865

Previews

White Background



This preview shows how the XYZ color 67.6527, 65.6507, 83.2349 looks on a white background.

Color Contrast Check

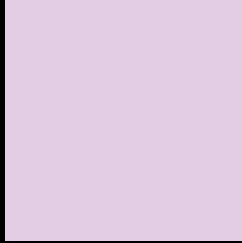
Large Text (above 18pt) WCAG AA × Fail

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 67.6527, 65.6507, 83.2349 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 67.6527, 65.6507, 83.2349

Background



This preview shows how black text looks on a background with the XYZ color 67.6527, 65.6507, 83.2349.



This preview shows how white text looks on a background with the XYZ color 67.6527, 65.6507,

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

67.6527, 65.6507, 83.2349

Protanopia

64.1904, 65.6210, 85.6269

Deuteranopia

67.2655, 65.8073, 83.2855



Tritanopia

66.6202, 65.5853, 78.2552

Trichromacy



Original Color

67.6527, 65.6507, 83.2349

Protanomaly

65.2986, 65.4802, 84.7986

Deuteranomaly

67.5782, 65.9685, 83.3002

Tritanomaly

67.0259, 65.7476, 80.3921

Monochromacy



Original Color

67.6527, 65.6507, 83.2349

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

65.2939, 66.7631, 76.4630

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.6527, 65.6507, 83.2349 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(227, 205, 229)` looks like.

```
.text, #text, p{  
    color:rgb(227, 205, 229)  
}
```

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(227, 205, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 205, 229) }
```

Border

The CSS property to change the border of an element to XYZ 67.6527, 65.6507, 83.2349 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(227, 205, 229) }
```


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

```
.border{ border-color:rgb(227, 205, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 205, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 205, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 205, 229);  
box-shadow:4px 4px 4px 4px rgb(227, 205,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 67.6527, 65.6507, 83.2349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 205, 229) }
```

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

```
.background{ background-color: rgb(227,  
205, 229) }
```

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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