

Converting Colors

XYZ(69.2385, 68.6835, 84.1033)

Have a look what the booklet for
XYZ(69.2385, 68.6835, 84.1033)
contains.

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Color

**XYZ(69.2557, 68.6326,
84.4602)**

Conversions

Conversions Part 1

Format	Color
Hex	E3D3E6
RGB	227, 211, 230
RGB Percent	89%, 83%, 90%
CMY	0.1098, 0.1725, 0.0980
CMYK	0.01, 0.08, 0.00, 0.10
HSL	291°, 28%, 86%
HSV	291°, 8%, 90%
XYZ	69.2557, 68.6326, 84.4602
YIQ	217.9500, 3.4370, 9.3010

Conversions

Conversions Part 2

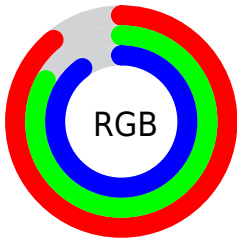
Format	Color
R_{YB}	227, 211, 230
Decimal	14930918
CIE Lab	86.32, 8.89, -7.35
CIE LCh	86, 11.529, 320.412
Yxy	68.6326, 0.3115, 0.3087
Android (android.graphics.Color)	4293120998 (0xFFE3D3E6)
YUV	217.9500, 5.9407, 7.9369
Hunter-Lab	82.8448, 4.2421, -2.4547

Details

The XYZ color **69.2557, 68.6326, 84.4602** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.7889, 75.5948, 72.6499**, and the grayscale version is **66.5665, 70.0331, 76.2661**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.6396, 35.6427, 45.5061** is the 20% darker color. If you saturate the color by 10%, you get **62.8127, 57.4285, 82.6382**, and if you desaturate by 10%, it is **76.5444, 81.4901, 86.5588**.

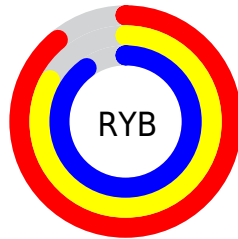
Distribution



Red (89%)

Green (83%)

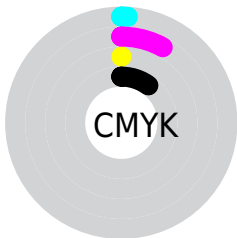
Blue (90%)



Red (89%)

Yellow (83%)

Blue (90%)

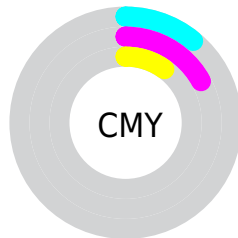


Cyan (1%)

Magenta (8%)

Yellow (0%)

Black (10%)



Cyan (11%)

Magenta (17%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.2557, 68.6326, 84.4602 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 69.2557, 68.6326, 84.4602 by changing the saturation by 10% instead.

69.2557, 68.6326,
84.4602

69.2557, 68.6326,
84.4602

447.2396,
455.7341, 529.9381

51.1974, 50.4126,
62.8479

117.1788,
117.2567, 141.4862

36.5874, 35.7413,
45.2779

147.7743,
148.4295, 177.7370

25.0604, 24.2345,
31.3319

183.2795,
184.6887, 219.7043

16.2510, 15.5076,
20.5911

224.0599,
226.4186, 267.8067

9.7939, 9.1764,
12.6371

270.4807,
274.0038, 322.4627

5.3238, 4.8564,
7.0514

322.9073,

2.4751, 2.1633,

327.8285, 384.0910

3.4153

381.7052,
388.2771, 453.1099

■ 0.8827, 0.6999,
1.3104

■ 0.0000, 0.0000,
0.0703

■ 69.2557, 68.6326,
84.4602

■ 69.2557, 68.6326,
84.4602

■ 62.8127, 57.4285,
82.6382

■ 76.5444, 81.4901,
86.5588

■ 57.1746, 47.7999,
81.0768

■ 84.0623, 94.7708,
88.7260

■ 52.3065, 39.6755,
79.7653

■ 85.2691, 95.3929,
88.7825

■ 48.1680, 32.9752,
78.6901

■ 86.5004, 96.0277,
88.8401

44.7153, 27.6117,
77.8368

87.7565, 96.6752,
88.8989

41.8998, 23.4874,
77.1891

89.0375, 97.3356,
88.9588

39.6659, 20.4920,
76.7287

90.3435, 98.0088,
89.0200

37.9484, 18.4951,
76.4338

91.2831, 98.4933,
89.0639

36.6541, 17.3104,
76.2733

Harmonies

Analogous

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



67.0338, 68.6326, 89.3188



69.2557, 68.6326, 84.4602



70.4087, 68.6326, 77.1962

Triad

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



69.2557, 68.6326, 84.4602



66.0890, 68.6326, 61.1935



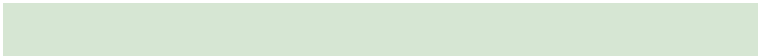
60.5551, 68.6326, 79.9566

Complementary

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



69.2557, 68.6326, 84.4602



67.7889, 75.5948, 72.6499

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.



60.3178, 68.6326, 72.3154



69.2557, 68.6326, 84.4602



63.4652, 68.6326, 61.8217

Square

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



69.2557, 68.6326, 84.4602



68.5480, 68.6326, 63.9973



61.3696, 68.6326, 65.7760



62.0271, 68.6326, 86.5985

Rectangle

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



69.2557, 68.6326, 84.4602



70.3953, 68.6326, 72.1125



61.3696, 68.6326, 65.7760



60.3299, 68.6326, 77.4086

Sweetspot

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



69.2577, 68.6356, 84.4617



93.1488, 96.6366, 108.3510



65.2386, 67.7429, 84.5012



19.9576, 20.7194, 23.1973



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.



69.2577, 68.6356, 84.4617



85.9817, 84.0399, 106.2973



69.3389, 68.7783, 79.9072



14.7598, 14.4939, 18.1640



20.7208, 9.7478, 43.1726



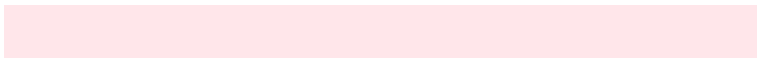
1.5915, 0.7514, 3.1931

Inverse Universe

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



68.0675, 68.2697, 73.2118



84.1813, 83.4891, 89.1645



67.7310, 75.4714, 76.8736



14.4693, 14.4049, 15.4059



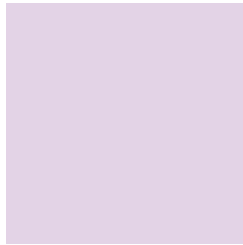
18.6869, 9.6090, 1.9804



1.4094, 0.7215, 0.2963

Previews

White Background



This preview shows how the XYZ color 69.2557, 68.6326, 84.4602 looks on a white background.

Color Contrast Check

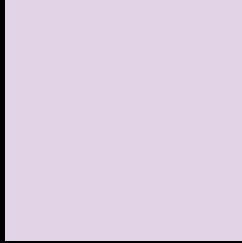
Large Text (above 18pt) WCAG AA × Fail

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 69.2557, 68.6326, 84.4602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

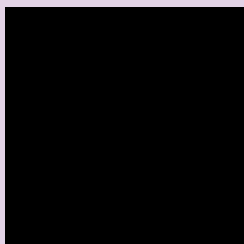
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

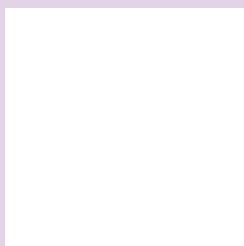
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.2557, 68.6326, 84.4602

Background



This preview shows how black text looks on a background with the XYZ color 69.2557, 68.6326, 84.4602.

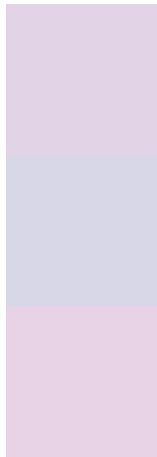


This preview shows how white text looks on a background with the XYZ color 69.2557, 68.6326,

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

69.2557, 68.6326, 84.4602

Protanopia

66.8903, 68.8741, 86.1125

Deuteranopia

70.2845, 68.7953, 84.4373



Tritanopia

68.9764, 68.5209, 82.9892

Trichromacy



Original Color

69.2557, 68.6326, 84.4602

Protanomaly

67.6838, 68.9227, 85.3374

Deuteranomaly

69.9626, 68.6294, 84.4223

Tritanomaly

69.1157, 68.5766, 83.7226

Monochromacy



Original Color

69.2557, 68.6326, 84.4602

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

67.3040, 69.2470, 78.9259

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.2557, 68.6326, 84.4602 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, 211, 230)` looks like.

```
.text, #text, p{  
    color:rgb(227, 211, 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(227, 211, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 211, 230) }
```

Border

The CSS property to change the border of an element to XYZ 69.2557, 68.6326, 84.4602 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, 211, 230) }
```


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

```
.border{ border-color:rgb(227, 211, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 211, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 211, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 211, 230);  
box-shadow:4px 4px 4px 4px rgb(227, 211,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 69.2557, 68.6326, 84.4602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 211, 230) }
```

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

```
.background{ background-color: rgb(227,  
211, 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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