

Converting Colors

XYZ(67.4470, 55.1543,
101.6987)

Have a look what the booklet for
XYZ(67.4470, 55.1543, 101.6987)
contains.

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Color

**XYZ(67.4470, 55.1543,
101.6987)**

Conversions

Conversions Part 1

Format	Color
Hex	EBAEFF
RGB	235, 174, 255
RGB Percent	92%, 68%, 100%
CMY	0.0784, 0.3176, 0.0000
CMYK	0.08, 0.32, 0.00, 0.00
HSL	285°, 100%, 84%
HSV	285°, 32%, 100%
XYZ	67.4470, 55.1543, 101.6987
YIQ	201.4730, 10.3550, 38.1230

Conversions

Conversions Part 2

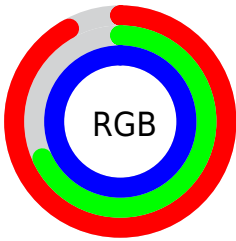
Format	Color
R _Y B	235, 174, 255
Decimal	15445759
CIE Lab	79.13, 35.93, -31.48
CIE LCh	79, 47.774, 318.776
Yxy	55.1543, 0.3007, 0.2459
Android (android.graphics.Color)	4293635839 (0xFFEBAEFF)
YUV	201.4730, 26.3888, 29.4032
Hunter-Lab	74.2659, 32.1451, -29.2047

Details

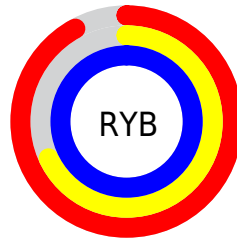
The XYZ color **67.4470, 55.1543, 101.6987** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **65.6494, 86.0459, 53.1955**, and the grayscale version is **55.6491, 58.5472, 63.7579**.

A 20% lighter version of the original color is **87.5868, 85.0736, 106.4123**, and **35.3905, 27.2169, 56.8142** is the 20% darker color. If you saturate the color by 10%, you get **60.9387, 45.1683, 100.1143**, and if you desaturate by 10%, it is **74.9673, 67.0530, 103.5991**.

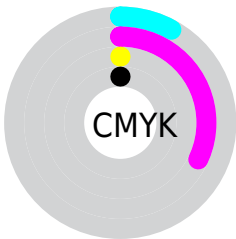
Distribution



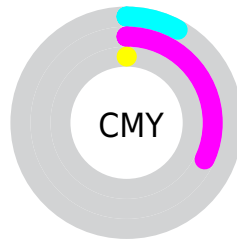
- Red (92%)
- Green (68%)
- Blue (100%)



- Red (92%)
- Yellow (68%)
- Blue (100%)



- Cyan (8%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)



- Cyan (8%)
- Magenta (32%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.4470, 55.1543, 101.6987 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 67.4470, 55.1543, 101.6987 by changing the saturation by 10% instead.

67.4470, 55.1543,
101.6987

67.4470, 55.1543,
101.6987

440.9417,
406.4966, 586.9184

49.7200, 39.5253,
77.0952

114.6069, 97.7670,
165.5618

35.4079, 27.1686,
56.8190

144.7706,
125.5194, 205.6585

24.1452, 17.6999,
40.4515

179.8106,
158.0818, 251.7567

15.5667, 10.7347,
27.5743

220.0921,
195.8385, 304.2748

9.3070, 5.8888,
17.7688

265.9807,
239.1740, 363.6315

5.0006, 2.7776,
10.6164

317.8415,

2.2824, 1.0167,

288.4725, 430.2453

5.6986

376.0401,
344.1186, 504.5348

■ 0.7856, 0.0000,
2.5969

■ 0.0000, 0.0000,
0.8908

■ 67.4470, 55.1543,
101.6987

■ 67.4470, 55.1543,
101.6987

■ 60.9387, 45.1683,
100.1143

■ 74.9673, 67.0530,
103.5991

■ 55.3835, 36.9816,
98.8269

■ 83.5442, 80.9555,
105.8305

■ 50.7241, 30.4793,
97.8174

■ 93.2257, 96.9557,
108.4085

■ 46.8942, 25.5303,
97.0640

■ 95.0500, 100.0000,
108.9000

■ 43.8178, 21.9836,
96.5415

■ 41.4033, 19.6573,
96.2198

■ 39.7982, 18.4316,
96.0678

Harmonies

Analogous

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



58.5440, 55.1543, 124.6983



67.4470, 55.1543, 101.6987



72.5274, 55.1543, 70.8582

Triad

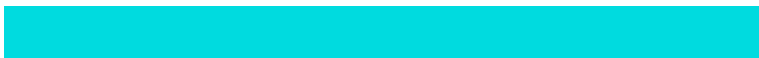
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.4470, 55.1543, 101.6987



56.0706, 55.1543, 21.8865



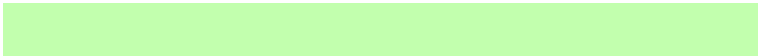
36.9177, 55.1543, 78.5769

Complementary

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



67.4470, 55.1543, 101.6987



65.6494, 86.0459, 53.1955

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.



36.4255, 55.1543, 50.4074



67.4470, 55.1543, 101.6987



46.7433, 55.1543, 22.8119

Square

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



67.4470, 55.1543, 101.6987



65.4485, 55.1543, 28.5998



39.8134, 55.1543, 31.6848



41.2508, 55.1543, 108.8012

Rectangle

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



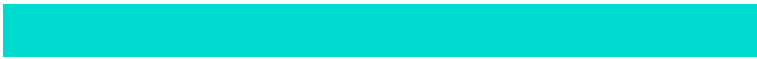
67.4470, 55.1543, 101.6987



72.6963, 55.1543, 52.3980



39.8134, 55.1543, 31.6848



36.3189, 55.1543, 68.4209

Sweetspot

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



67.4487, 55.1566, 101.6991



85.1693, 83.6211, 106.2593



54.8550, 54.9159, 102.3164



17.9518, 17.4423, 22.6705



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.



67.4487, 55.1566, 101.6991



63.2731, 48.7092, 100.6747



71.3365, 57.5179, 85.7512



18.3288, 18.0613, 22.7701



20.9383, 9.7046, 50.2042



2.1377, 0.9959, 4.8928

Inverse Universe

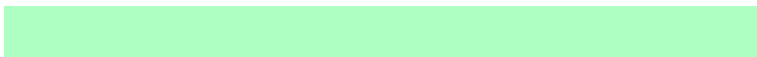
The Inverse Universe completely reimagines the original color for something new.



66.1150, 55.4293, 58.2551



61.9300, 49.1263, 50.4878



62.9828, 84.4257, 64.1648



18.1933, 18.0606, 19.6349



22.0663, 11.3158, 3.7339



2.1897, 1.1183, 0.5805

Previews

White Background



This preview shows how the XYZ color 67.4470, 55.1543, 101.6987 looks on a white background.

Color Contrast Check

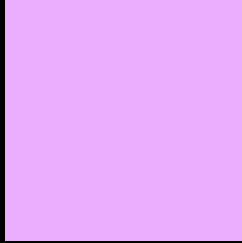
Large Text (above 18pt) WCAG AA × Fail

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 67.4470, 55.1543, 101.6987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

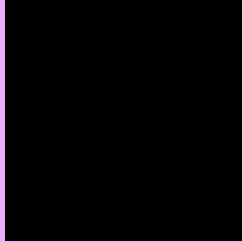
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.4470, 55.1543, 101.6987

Background



This preview shows how black text looks on a background with the XYZ color 67.4470, 55.1543, 101.6987.



This preview shows how white text looks on a background with the XYZ color 67.4470, 55.1543,

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

67.4470, 55.1543, 101.6987

Protanopia

55.9322, 55.3873, 102.3506

Deuteranopia

56.7323, 55.5441, 98.9978



Tritanopia

59.3363, 55.1523, 61.5509

Trichromacy



Original Color

67.4470, 55.1543, 101.6987



Protanomaly

59.3735, 54.9028, 102.0757



Deuteranomaly

60.0314, 54.9835, 99.5443



Tritanomaly

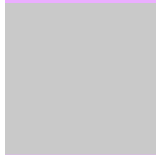
61.9432, 54.9852, 74.3663

Monochromacy



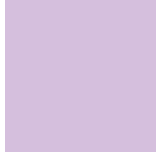
Original Color

67.4470, 55.1543, 101.6987



Achromatopsia

55.5167, 58.4078, 63.6061



Achromatomaly

59.1225, 56.6282, 76.2209

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.4470, 55.1543, 101.6987 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(235, 174, 255)` looks like.

```
.text, #text, p{  
    color:rgb(235, 174, 255)  
}
```

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(235, 174, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 174, 255) }
```

Border

The CSS property to change the border of an element to XYZ 67.4470, 55.1543, 101.6987 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(235, 174, 255) }
```


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

```
.border{ border-color:rgb(235, 174, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 174, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 174, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 174, 255);  
box-shadow:4px 4px 4px 4px rgb(235, 174,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 67.4470, 55.1543, 101.6987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 174, 255) }
```

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

```
.background{ background-color: rgb(235,  
174, 255) }
```

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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