

Converting Colors

XYZ(66.9460, 54.4088,
100.8659)

Have a look what the booklet for
XYZ(66.9460, 54.4088, 100.8659)
contains.

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Color

**XYZ(66.9029, 54.3230,
100.7251)**

Conversions

Conversions Part 1

Format	Color
Hex	EBACFE
RGB	235, 172, 254
RGB Percent	92%, 67%, 100%
CMY	0.0784, 0.3255, 0.0039
CMYK	0.07, 0.32, 0.00, 0.00
HSL	286°, 98%, 84%
HSV	286°, 32%, 100%
XYZ	66.9029, 54.3230, 100.7251
YIQ	200.1850, 11.2260, 38.8580

Conversions

Conversions Part 2

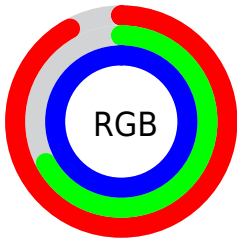
Format	Color
R _Y B	235, 172, 254
Decimal	15445246
CIE Lab	78.65, 36.80, -31.69
CIE LCh	79, 48.562, 319.271
Yxy	54.3230, 0.3014, 0.2448
Android (android.graphics.Color)	4293635326 (0xFFEBACFE)
YUV	200.1850, 26.5308, 30.5328
Hunter-Lab	73.7041, 33.0462, -29.4336

Details

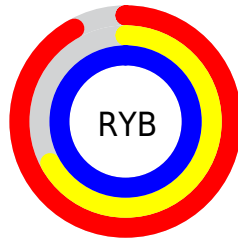
The XYZ color **66.9029, 54.3230, 100.7251** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **64.3758, 84.9398, 52.0343**, and the grayscale version is **54.8521, 57.7087, 62.8447**.

A 20% lighter version of the original color is **87.0334, 83.9668, 106.2278**, and **35.0350, 26.6898, 56.1284** is the 20% darker color. If you saturate the color by 10%, you get **60.6123, 44.5778, 99.1765**, and if you desaturate by 10%, it is **74.1851, 65.9535, 102.5870**.

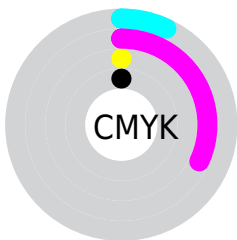
Distribution



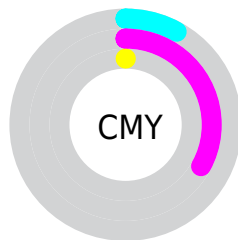
- Red (92%)
- Green (67%)
- Blue (100%)



- Red (92%)
- Yellow (67%)
- Blue (100%)



- Cyan (7%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)



- Cyan (8%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.9029, 54.3230, 100.7251 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 66.9029, 54.3230, 100.7251 by changing the saturation by 10% instead.

66.9029, 54.3230,
100.7251

66.9029, 54.3230,
100.7251

439.0370,
403.3405, 583.7814

49.2761, 38.8600,
76.2860

113.8318, 96.5483,
164.2138

35.0540, 26.6508,
56.1590

143.8647,
124.0794, 204.1005

23.8712, 17.3111,
39.9256

178.7636,
156.4020, 249.9735

15.3623, 10.4566,
27.1672

218.8940,
193.9004, 302.2513

9.1620, 5.7027,
17.4653

264.6212,
236.9590, 361.3525

4.9050, 2.6652,
10.4013

316.3105,

2.2258, 0.9595,

285.9623, 427.6955

5.5568

374.3273,
341.2947, 501.6990

■ 0.7563, 0.0000,
2.5131

■ 0.0000, 0.0000,
0.8471

■ 66.9029, 54.3230,
100.7251

■ 66.9029, 54.3230,
100.7251

■ 60.6123, 44.5778,
99.1765

■ 74.1851, 65.9535,
102.5870

■ 55.2546, 36.6052,
97.9200

■ 82.5029, 79.5600,
104.7750

■ 50.7729, 30.2908,
96.9374

■ 91.9037, 95.2355,
107.3051

■ 47.1013, 25.5040,
96.2070

94.8895, 99.9358,
108.0550

■ 44.1640, 22.0941,
95.7036

■ 41.8695, 19.8790,
95.3970

■ 40.4334, 18.7776,
95.2601

Harmonies

Analogous

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



57.9598, 54.3230, 124.3073



66.9029, 54.3230, 100.7251



71.9491, 54.3230, 69.5333

Triad

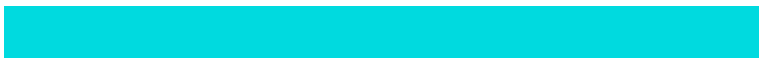
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.9029, 54.3230, 100.7251



55.1414, 54.3230, 20.9578



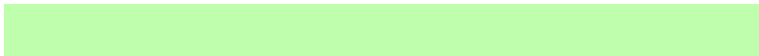
36.1101, 54.3230, 78.3437

Complementary

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



66.9029, 54.3230, 100.7251



64.3758, 84.9398, 52.0343

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.



35.5529, 54.3230, 49.8529



66.9029, 54.3230, 100.7251



45.7831, 54.3230, 21.9937

Square

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



66.9029, 54.3230, 100.7251



64.6212, 54.3230, 27.4785



38.8826, 54.3230, 30.9514



40.5123, 54.3230, 108.8662

Rectangle

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



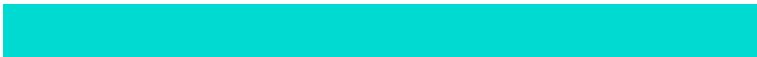
66.9029, 54.3230, 100.7251



72.0508, 54.3230, 51.0427



38.8826, 54.3230, 30.9514



35.4895, 54.3230, 68.0701

Sweetspot

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



66.9047, 54.3253, 100.7263



85.3074, 83.6923, 106.2658



53.5647, 53.2486, 101.2216



17.9854, 17.4596, 22.6721



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.



66.9047, 54.3253, 100.7263



63.1278, 47.9948, 100.5445



70.2116, 56.4119, 83.6328



18.3570, 18.0758, 22.7714



21.4528, 9.9698, 50.2283



2.1839, 1.0198, 4.8950

Inverse Universe

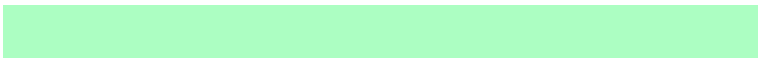
The Inverse Universe completely reimagines the original color for something new.



65.0313, 54.3397, 56.3535



61.1487, 48.1244, 48.4984



62.1795, 83.5447, 63.8113



18.1818, 18.0560, 19.5744



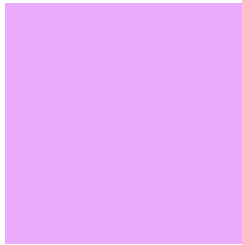
22.0093, 11.2930, 3.4336



2.1827, 1.1155, 0.5437

Previews

White Background



This preview shows how the XYZ color 66.9029, 54.3230, 100.7251 looks on a white background.

Color Contrast Check

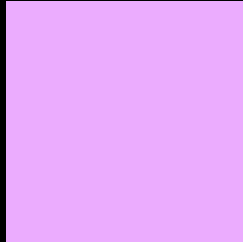
Large Text (above 18pt) WCAG AA × Fail

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 66.9029, 54.3230, 100.7251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

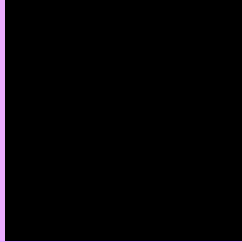
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.9029, 54.3230, 100.7251

Background



This preview shows how black text looks on a background with the XYZ color 66.9029, 54.3230, 100.7251.



This preview shows how white text looks on a background with the XYZ color 66.9029, 54.3230,

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

66.9029, 54.3230, 100.7251

Protanopia

55.2514, 54.7070, 102.2552

Deuteranopia

55.8937, 54.4780, 98.0119



Tritanopia

58.6901, 54.2291, 60.1973

Trichromacy



Original Color

66.9029, 54.3230, 100.7251



Protanomaly

58.6877, 53.9237, 101.9229



Deuteranomaly

59.1817, 53.9425, 98.5595



Tritanomaly

61.4081, 54.1251, 73.5403

Monochromacy



Original Color

66.9029, 54.3230, 100.7251



Achromatopsia

54.8990, 57.7580, 62.8985



Achromatomaly

58.7723, 56.1404, 75.4487

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.9029, 54.3230, 100.7251 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, 172, 254)` looks like.

```
.text, #text, p{  
    color:rgb(235, 172, 254)  
}
```

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, 172, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 172, 254) }
```

Border

The CSS property to change the border of an element to XYZ 66.9029, 54.3230, 100.7251 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, 172, 254) }
```


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

```
.border{ border-color:rgb(235, 172, 254) }
```

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

Here you see how a box with a 4 pixel rgb(235, 172, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 172, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 172, 254);  
box-shadow:4px 4px 4px 4px rgb(235, 172,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 66.9029, 54.3230, 100.7251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 172, 254) }
```

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

```
.background{ background-color: rgb(235,  
172, 254) }
```

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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