

Converting Colors

XYZ(93.4315, 64.4129,
241.5595)

Have a look what the booklet for
XYZ(93.4315, 64.4129, 241.5595)
contains.

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Color

**XYZ(66.6857, 53.6316,
101.4450)**

Conversions

Conversions Part 1

Format	Color
Hex	EBAAFF
RGB	235, 170, 255
RGB Percent	92%, 67%, 100%
CMY	0.0784, 0.3333, 0.0000
CMYK	0.08, 0.33, 0.00, 0.00
HSL	286°, 100%, 83%
HSV	286°, 33%, 100%
XYZ	66.6857, 53.6316, 101.4450
YIQ	199.1250, 11.4550, 40.2150

Conversions

Conversions Part 2

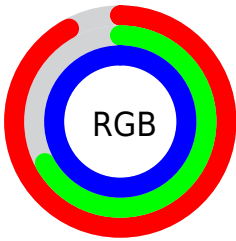
Format	Color
R _Y B	235, 170, 255
Decimal	15444735
CIE Lab	78.25, 38.06, -32.84
CIE LCh	78, 50.270, 319.205
Yxy	53.6316, 0.3007, 0.2418
Android (android.graphics.Color)	4293634815 (0xFFEBAAFF)
YUV	199.1250, 27.5464, 31.4624
Hunter-Lab	73.2336, 34.3813, -30.8665

Details

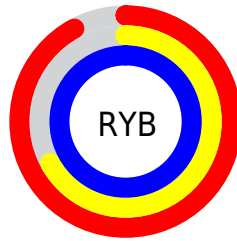
The XYZ color **66.6857, 53.6316, 101.4450** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **64.2521, 85.3700, 51.1243**, and the grayscale version is **54.1959, 57.0183, 62.0929**.

A 20% lighter version of the original color is **86.4864, 82.8727, 106.0455**, and **34.9144, 26.2648, 56.6555** is the 20% darker color. If you saturate the color by 10%, you get **60.4138, 43.9782, 99.9122**, and if you desaturate by 10%, it is **73.9547, 65.1780, 103.2905**.

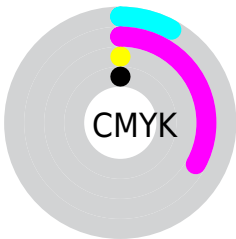
Distribution



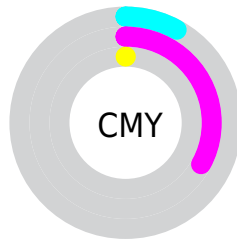
- Red (92%)
- Green (67%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.6857, 53.6316, 101.4450 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 66.6857, 53.6316, 101.4450 by changing the saturation by 10% instead.

66.6857, 53.6316,
101.4450

66.6857, 53.6316,
101.4450

438.2753,
400.7036, 586.1018

49.0990, 38.3072,
76.8843

113.5222, 95.5331,
165.2107

34.9129, 26.2212,
56.6469

143.5028,
122.8790, 205.2527

23.7620, 16.9892,
40.3143

178.3453,
155.0009, 251.2923

15.2809, 10.2268,
27.4681

218.4152,
192.2832, 303.7479

9.1044, 5.5496,
17.6895

264.0778,
235.1102, 363.0381

4.8670, 2.5732,
10.5602

315.6984,

2.2034, 0.9132,

283.8663, 429.5815

5.6615

373.6425,
338.9360, 503.7965

■ 0.7445, 0.0000,
2.5749

■ 0.0000, 0.0000,
0.8795

■ 66.6857, 53.6316,
101.4450

■ 66.6857, 53.6316,
101.4450

■ 60.4138, 43.9782,
99.9122

■ 73.9547, 65.1780,
103.2905

■ 55.0797, 36.1032,
98.6733

■ 82.2661, 78.7099,
105.4644

■ 50.6250, 29.8898,
97.7088

■ 91.6680, 94.3220,
107.9823

■ 46.9823, 25.2042,
96.9964

95.0500, 100.0000,
108.9000

■ 44.0738, 21.8916,
96.5103

■ 41.8048, 19.7637,
96.2192

■ 40.5564, 18.8225,
96.1033

Harmonies

Analogous

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



57.4571, 53.6316, 125.9849



66.6857, 53.6316, 101.4450



71.9155, 53.6316, 69.1461

Triad

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



66.6857, 53.6316, 101.4450



54.6024, 53.6316, 19.6976



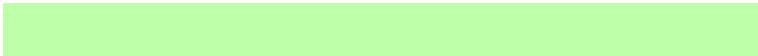
35.1114, 53.6316, 78.0995

Complementary

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



66.6857, 53.6316, 101.4450



64.2521, 85.3700, 51.1243

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.



34.5542, 53.6316, 48.8216



66.6857, 53.6316, 101.4450



45.0002, 53.6316, 20.7113

Square

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



66.6857, 53.6316, 101.4450



64.3659, 53.6316, 26.2251



37.9490, 53.6316, 29.6609



39.5838, 53.6316, 109.7851

Rectangle

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



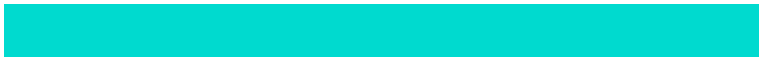
66.6857, 53.6316, 101.4450



72.0303, 53.6316, 50.1480



37.9490, 53.6316, 29.6609



34.4839, 53.6316, 67.5015

Sweetspot

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



66.6873, 53.6338, 101.4453



85.2749, 83.6755, 106.2643



53.3148, 53.1389, 102.0546



17.9775, 17.4556, 22.6717



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.



66.6873, 53.6338, 101.4453



62.3966, 46.9916, 100.3894



70.4312, 55.9375, 84.7395



18.3504, 18.0723, 22.7711



21.3305, 9.9067, 50.2225



2.1729, 1.0141, 4.8945

Inverse Universe

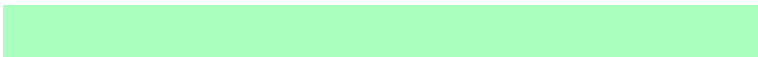
The Inverse Universe completely reimagines the original color for something new.



64.9102, 53.7291, 55.6664



60.5669, 47.2167, 47.5159



61.7705, 83.8394, 62.3637



18.1845, 18.0571, 19.5886



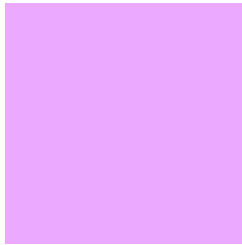
22.0224, 11.2983, 3.5025



2.1843, 1.1161, 0.5522

Previews

White Background



This preview shows how the XYZ color 66.6857, 53.6316, 101.4450 looks on a white background.

Color Contrast Check

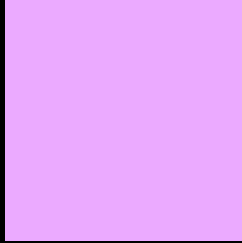
Large Text (above 18pt) WCAG AA × Fail

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 66.6857, 53.6316, 101.4450 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 66.6857, 53.6316, 101.4450

Background



This preview shows how black text looks on a background with the XYZ color 66.6857, 53.6316, 101.4450.



This preview shows how white text looks on a background with the XYZ color 66.6857, 53.6316,

101.4450.

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

66.6857, 53.6316, 101.4450

Protanopia

54.8041, 54.1494, 102.1711

Deuteranopia

55.1174, 53.7370, 98.7341



Tritanopia

58.0558, 53.6102, 59.5125

Trichromacy



Original Color

66.6857, 53.6316, 101.4450



Protanomaly

58.2164, 53.3713, 101.8411



Deuteranomaly

58.5916, 53.3128, 99.2977

Tritanomaly

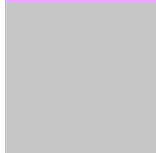
60.7579, 53.5086, 72.7715

Monochromacy



Original Color

66.6857, 53.6316, 101.4450



Achromatopsia

54.2854, 57.1125, 62.1955



Achromatomaly

57.9208, 55.0780, 74.5962

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.6857, 53.6316, 101.4450 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, 170, 255)` looks like.

```
.text, #text, p{  
    color:rgb(235, 170, 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, 170, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 170, 255) }
```

Border

The CSS property to change the border of an element to XYZ 66.6857, 53.6316, 101.4450 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, 170, 255) }
```


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

```
.border{ border-color:rgb(235, 170, 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, 170, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 170, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 170, 255);  
box-shadow:4px 4px 4px 4px rgb(235, 170,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 66.6857, 53.6316, 101.4450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 170, 255) }
```

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

```
.background{ background-color: rgb(235,  
170, 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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