

Converting Colors

XYZ(65.1727, 53.8101,
101.5592)

Have a look what the booklet for
XYZ(65.1727, 53.8101, 101.5592)
contains.

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Color

**XYZ(64.9885, 53.6011,
101.5285)**

Conversions

Conversions Part 1

Format	Color
Hex	E4ADFF
RGB	228, 173, 255
RGB Percent	89%, 68%, 100%
CMY	0.1059, 0.3216, 0.0000
CMYK	0.11, 0.32, 0.00, 0.00
HSL	280°, 100%, 84%
HSV	280°, 32%, 100%
XYZ	64.9885, 53.6011, 101.5285
YIQ	198.7930, 6.4580, 37.1620

Conversions

Conversions Part 2

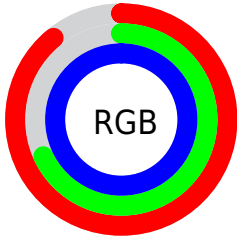
Format	Color
R _{YB}	228, 173, 255
Decimal	14986751
CIE Lab	78.23, 34.33, -32.93
CIE LCh	78, 47.571, 316.196
Yxy	53.6011, 0.2952, 0.2435
Android (android.graphics.Color)	4293176831 (0xFFE4ADFF)
YUV	198.7930, 27.7101, 25.6145
Hunter-Lab	73.2128, 30.3261, -30.9720

Details

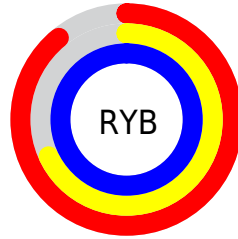
The XYZ color **64.9885, 53.6011, 101.5285** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **67.1233, 86.8170, 52.7571**, and the grayscale version is **53.9944, 56.8063, 61.8621**.

A 20% lighter version of the original color is **87.3093, 84.5186, 106.3198**, and **33.9228, 26.2808, 56.7109** is the 20% darker color. If you saturate the color by 10%, you get **57.9585, 43.3990, 99.9298**, and if you desaturate by 10%, it is **73.0842, 65.7404, 103.4450**.

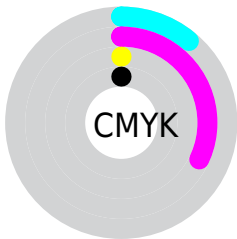
Distribution



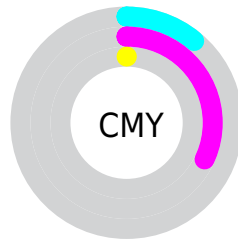
- Red (89%)
- Green (68%)
- Blue (100%)



- Red (89%)
- Yellow (68%)
- Blue (100%)



- Cyan (11%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)




- Cyan (11%)
- Magenta (32%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.9885, 53.6011, 101.5285 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 64.9885, 53.6011, 101.5285 by changing the saturation by 10% instead.


 64.9885, 53.6011,
101.5285

 64.9885, 53.6011,
101.5285


432.2965,
400.5871, 586.3706

 47.7164, 38.2828,
76.9537

 111.0991, 95.4883,
165.3263

 33.8127, 26.2023,
56.7035


140.6684,
122.8260, 205.3863

 22.9119, 16.9750,
40.3595


175.0674,
154.9390, 251.4452

 14.6488, 10.2167,
27.5030

214.6616,
192.2117, 303.9214

 8.6580, 5.5429,
17.7156

259.8162,
235.0285, 363.2335

 4.5741, 2.5692,
10.5787

310.8966,

 2.0318, 0.9112,

283.7737, 429.8000

5.6737

368.2683,
338.8317, 504.0396

■ 0.6517, 0.0000,
2.5821

■ 0.0000, 0.0000,
0.8832

■ 64.9885, 53.6011,
101.5285

■ 64.9885, 53.6011,
101.5285

■ 57.9585, 43.3990,
99.9298

■ 73.0842, 65.7404,
103.4450

■ 51.9343, 35.0202,
98.6301

■ 82.2914, 79.9094,
105.6946

■ 46.8571, 28.3485,
97.6099

■ 92.6593, 96.2022,
108.2930

■ 42.6591, 23.2518,
96.8474

95.0500, 100.0000,
108.9000

■ 39.2628, 19.5774,
96.3172

■ 36.5746, 17.1412,
95.9886

■ 34.8531, 15.8823,
95.8364

Harmonies

Analogous

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



56.1041, 53.6011, 122.7371



64.9885, 53.6011, 101.5285



70.3826, 53.6011, 71.4699

Triad

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



64.9885, 53.6011, 101.5285



55.3381, 53.6011, 21.3909



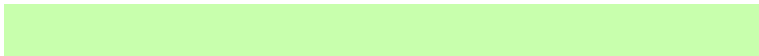
35.6165, 53.6011, 73.8616

Complementary

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



64.9885, 53.6011, 101.5285



67.1233, 86.8170, 52.7571

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.



35.4644, 53.6011, 46.9644



64.9885, 53.6011, 101.5285



46.1146, 53.6011, 21.6757

Square

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



64.9885, 53.6011, 101.5285



64.3691, 53.6011, 28.6305



39.0881, 53.6011, 29.5819



39.5325, 53.6011, 103.7326

Rectangle

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



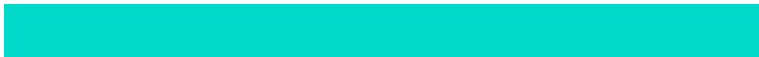
64.9885, 53.6011, 101.5285



70.8955, 53.6011, 53.0025



39.0881, 53.6011, 29.5819



35.1414, 53.6011, 64.0722

Sweetspot

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



64.9901, 53.6033, 101.5289



84.4261, 83.2379, 106.2245



56.0169, 57.5693, 102.7673



17.7714, 17.3493, 22.6620



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.



64.9901, 53.6033, 101.5289



60.0655, 46.4161, 100.4011



72.1116, 57.5198, 90.7827



18.1774, 17.9832, 22.7630



18.3757, 8.3835, 50.0843



1.9045, 0.8757, 4.8819

Inverse Universe

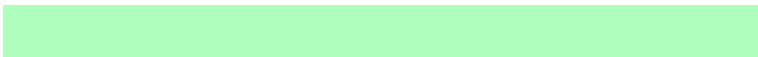
The Inverse Universe completely reimagines the original color for something new.



66.6101, 55.3192, 61.8120



62.1620, 48.5298, 53.8346



61.9290, 83.9785, 59.7745



18.2560, 18.0857, 19.9651



22.4452, 11.4674, 5.7288



2.2334, 1.1357, 0.8105

Previews

White Background



This preview shows how the XYZ color 64.9885, 53.6011, 101.5285 looks on a white background.

Color Contrast Check

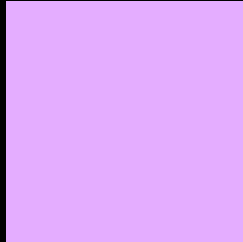
Large Text (above 18pt) WCAG AA × Fail

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 64.9885, 53.6011, 101.5285 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 64.9885, 53.6011, 101.5285

Background



This preview shows how black text looks on a background with the XYZ color 64.9885, 53.6011, 101.5285.



This preview shows how white text looks on a background with the XYZ color 64.9885, 53.6011,

101.5285.

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

64.9885, 53.6011, 101.5285

Protanopia

54.8041, 54.1494, 102.1711

Deuteranopia

55.0402, 53.6789, 99.5556



Tritanopia

56.6627, 53.4646, 61.3661

Trichromacy



Original Color

64.9885, 53.6011, 101.5285



Protanomaly

57.9046, 53.5200, 101.8862



Deuteranomaly

58.1588, 53.3786, 100.1663

Tritanomaly

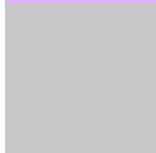
59.2316, 53.2866, 74.1813

Monochromacy



Original Color

64.9885, 53.6011, 101.5285



Achromatopsia

54.2854, 57.1125, 62.1955



Achromatomaly

57.7780, 55.6430, 74.7128

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.9885, 53.6011, 101.5285 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(228, 173, 255)` looks like.

```
.text, #text, p{  
    color:rgb(228, 173, 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(228, 173, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 173, 255) }
```

Border

The CSS property to change the border of an element to XYZ 64.9885, 53.6011, 101.5285 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(228, 173, 255) }
```


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

```
.border{ border-color:rgb(228, 173, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 173, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 173, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 173, 255);  
box-shadow:4px 4px 4px 4px rgb(228, 173,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 64.9885, 53.6011, 101.5285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 173, 255) }
```

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

```
.background{ background-color: rgb(228,  
173, 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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