

Converting Colors

XYZ(93.2458, 66.0866,
241.7369)

Have a look what the booklet for
XYZ(93.2458, 66.0866, 241.7369)
contains.

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Color

**XYZ(66.5303, 55.2596,
101.7674)**

Conversions

Conversions Part 1

Format	Color
Hex	E7B0FF
RGB	231, 176, 255
RGB Percent	91%, 69%, 100%
CMY	0.0941, 0.3098, 0.0000
CMYK	0.09, 0.31, 0.00, 0.00
HSL	282°, 100%, 85%
HSV	282°, 31%, 100%
XYZ	66.5303, 55.2596, 101.7674
YIQ	201.4510, 7.4210, 36.2290

Conversions

Conversions Part 2

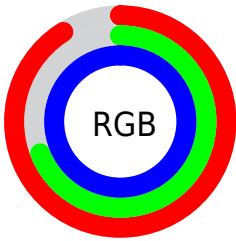
Format	Color
R _Y B	231, 176, 255
Decimal	15184127
CIE Lab	79.19, 33.64, -31.42
CIE LCh	79, 46.035, 316.953
Yxy	55.2596, 0.2976, 0.2472
Android (android.graphics.Color)	4293374207 (0xFFE7B0FF)
YUV	201.4510, 26.3997, 25.9145
Hunter-Lab	74.3368, 29.6654, -29.1325

Details

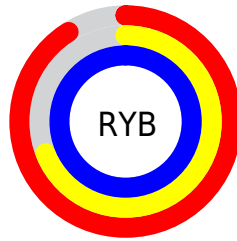
The XYZ color **66.5303, 55.2596, 101.7674** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **67.4172, 86.9346, 54.3037**, and the grayscale version is **55.6366, 58.5341, 63.7436**.

A 20% lighter version of the original color is **88.1466, 86.1932, 106.5989**, and **34.7316, 27.2418, 56.8537** is the 20% darker color. If you saturate the color by 10%, you get **59.5472, 44.9228, 100.1402**, and if you desaturate by 10%, it is **74.5664, 67.5361, 103.7134**.

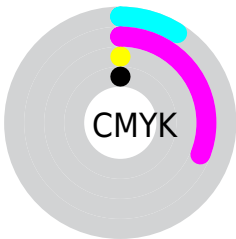
Distribution



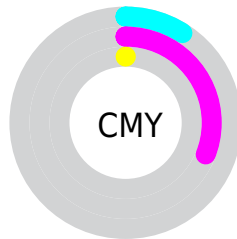
- Red (91%)
- Green (69%)
- Blue (100%)



- Red (91%)
- Yellow (69%)
- Blue (100%)



- Cyan (9%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.5303, 55.2596, 101.7674 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 66.5303, 55.2596, 101.7674 by changing the saturation by 10% instead.

66.5303, 55.2596,
101.7674

66.5303, 55.2596,
101.7674

437.7298,
406.8952, 587.1394

48.9723, 39.6096,
77.1523

113.3006, 97.9212,
165.6569

34.8120, 27.2343,
56.8656

143.2437,
125.7016, 205.7684

23.6839, 17.7493,
40.4887

178.0458,
158.2943, 251.8824

15.2228, 10.7701,
27.6031

218.0724,
196.0836, 304.4175

9.0632, 5.9125,
17.7902

263.6887,
239.4539, 363.7922

4.8399, 2.7919,
10.6316

315.2601,

2.1874, 1.0241,

288.7897, 430.4250

5.7087

373.1521,
344.4754, 504.7346

■ 0.7361, 0.0000,
2.6028

■ 0.0000, 0.0000,
0.8939

■ 66.5303, 55.2596,
101.7674

■ 66.5303, 55.2596,
101.7674

■ 59.5472, 44.9228,
100.1402

■ 74.5664, 67.5361,
103.7134

■ 53.5582, 36.4127,
98.8133

■ 83.7005, 81.8434,
105.9936

■ 48.5054, 29.6151,
97.7675

■ 93.9809, 98.2749,
108.6234

■ 44.3226, 24.3997,
96.9813

■ 95.0500, 100.0000,
108.9000

■ 40.9340, 20.6170,
96.4298

■ 38.2489, 18.0879,
96.0831

■ 36.3031, 16.6298,
95.9042

Harmonies

Analogous

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



57.8480, 55.2596, 122.7542



66.5303, 55.2596, 101.7674



71.6958, 55.2596, 72.3369

Triad

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



66.5303, 55.2596, 101.7674



56.6154, 55.2596, 23.0952



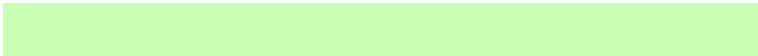
37.3622, 55.2596, 76.1720

Complementary

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



66.5303, 55.2596, 101.7674



67.4172, 86.9346, 54.3037

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.



37.1142, 55.2596, 49.4472



66.5303, 55.2596, 101.7674



47.5345, 55.2596, 23.5702

Square

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



66.5303, 55.2596, 101.7674



65.5377, 55.2596, 30.2342



40.6335, 55.2596, 31.8030



41.3559, 55.2596, 105.2713

Rectangle

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



66.5303, 55.2596, 101.7674



72.0981, 55.2596, 54.2448



40.6335, 55.2596, 31.8030



36.8559, 55.2596, 66.5080

Sweetspot

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



66.5319, 55.2619, 101.7677



85.6420, 84.9230, 106.4857



56.8469, 58.2333, 102.8517



18.0244, 17.6905, 22.7146



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.



66.5319, 55.2619, 101.7677



62.2037, 48.8109, 100.7507



72.5715, 58.6347, 90.3345



18.2240, 18.0072, 22.7652



19.1281, 8.7714, 50.1195



1.9736, 0.9113, 4.8852

Inverse Universe

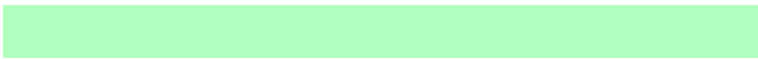
The Inverse Universe completely reimagines the original color for something new.



67.1920, 56.4829, 62.0063



63.1431, 50.3153, 54.7061



63.0133, 84.4897, 61.9820



18.2365, 18.0779, 19.8626



22.3151, 11.4153, 5.0436



2.2188, 1.1299, 0.7338

Previews

White Background



This preview shows how the XYZ color 66.5303, 55.2596, 101.7674 looks on a white background.

Color Contrast Check

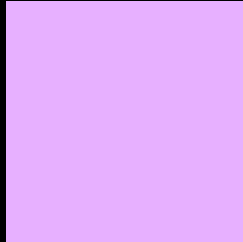
Large Text (above 18pt) WCAG AA × Fail

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 66.5303, 55.2596, 101.7674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

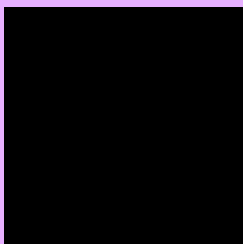
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.5303, 55.2596, 101.7674

Background



This preview shows how black text looks on a background with the XYZ color 66.5303, 55.2596, 101.7674.



This preview shows how white text looks on a background with the XYZ color 66.5303, 55.2596,

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

66.5303, 55.2596, 101.7674

Protanopia

55.9322, 55.3873, 102.3506

Deuteranopia

56.8904, 55.6073, 99.8303



Tritanopia

58.7444, 55.4457, 62.8643

Trichromacy



Original Color

66.5303, 55.2596, 101.7674



Protanomaly

59.1090, 54.7664, 102.0633



Deuteranomaly

59.8571, 55.1891, 100.4263

Tritanomaly

61.3487, 55.2562, 75.8387

Monochromacy



Original Color

66.5303, 55.2596, 101.7674



Achromatopsia

55.5167, 58.4078, 63.6061



Achromatomaly

59.0522, 56.9168, 76.2803

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.5303, 55.2596, 101.7674 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(231, 176, 255)` looks like.

```
.text, #text, p{  
    color:rgb(231, 176, 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(231, 176, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 176, 255) }
```

Border

The CSS property to change the border of an element to XYZ 66.5303, 55.2596, 101.7674 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(231, 176, 255) }
```


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

```
.border{ border-color:rgb(231, 176, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 176, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 176, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 176, 255);  
box-shadow:4px 4px 4px 4px rgb(231, 176,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 66.5303, 55.2596, 101.7674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 176, 255) }
```

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

```
.background{ background-color: rgb(231,  
176, 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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