

Converting Colors

XYZ(66.2117, 54.9849,
101.7312)

Have a look what the booklet for
XYZ(66.2117, 54.9849, 101.7312)
contains.

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Color

**XYZ(66.2085, 55.0937,
101.7523)**

Conversions

Conversions Part 1

Format	Color
Hex	E6B0FF
RGB	230, 176, 255
RGB Percent	90%, 69%, 100%
CMY	0.0980, 0.3098, 0.0000
CMYK	0.10, 0.31, 0.00, 0.00
HSL	281°, 100%, 85%
HSV	281°, 31%, 100%
XYZ	66.2085, 55.0937, 101.7523
YIQ	201.1520, 6.8250, 36.0170

Conversions

Conversions Part 2

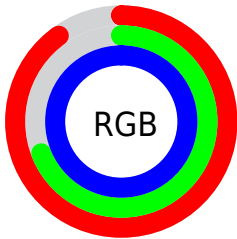
Format	Color
R _Y B	230, 176, 255
Decimal	15118591
CIE Lab	79.10, 33.34, -31.58
CIE LCh	79, 45.918, 316.552
Yxy	55.0937, 0.2968, 0.2470
Android (android.graphics.Color)	4293308671 (0xFFE6B0FF)
YUV	201.1520, 26.5471, 25.2997
Hunter-Lab	74.2251, 29.3273, -29.3207

Details

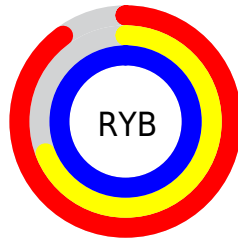
The XYZ color **66.2085, 55.0937, 101.7523** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **67.6851, 87.0727, 54.3162**, and the grayscale version is **55.4507, 58.3385, 63.5306**.

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 **59.1407, 44.7132, 100.1212**, and if you desaturate by 10%, it is **74.3385, 67.4186, 103.7028**.

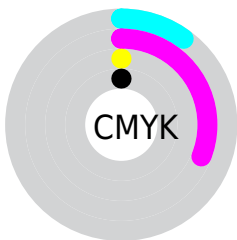
Distribution



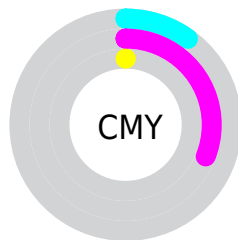
- Red (90%)
- Green (69%)
- Blue (100%)



- Red (90%)
- Yellow (69%)
- Blue (100%)



- Cyan (10%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (10%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.2085, 55.0937, 101.7523 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 66.2085, 55.0937, 101.7523 by changing the saturation by 10% instead.

66.2085, 55.0937,
101.7523

66.2085, 55.0937,
101.7523

436.5991,
406.2670, 587.0908

48.7100, 39.4767,
77.1397

112.8416, 97.6782,
165.6360

34.6031, 27.1308,
56.8553

142.7069,
125.4146, 205.7442

23.5224, 17.6715,
40.4805

177.4252,
157.9595, 251.8547

15.1025, 10.7144,
27.5968

217.3619,
195.6975, 304.3861

8.9781, 5.8751,
17.7855

262.8823,
239.0128, 363.7569

4.7839, 2.7693,
10.6283

314.3517,

2.1545, 1.0125,

288.2899, 430.3855

5.7065

372.1355,
343.9132, 504.6907

■ 0.7186, 0.0000,
2.6015

■ 0.0000, 0.0000,
0.8932

■ 66.2085, 55.0937,
101.7523

■ 66.2085, 55.0937,
101.7523

■ 59.1407, 44.7132,
100.1212

■ 74.3385, 67.4186,
103.7028

■ 53.0759, 36.1641,
98.7907

■ 83.5760, 81.7792,
105.9878

■ 47.9563, 29.3320,
97.7418

■ 93.9693, 98.2689,
108.6228

■ 43.7153, 24.0866,
96.9529

■ 95.0500, 100.0000,
108.9000

■ 40.2769, 20.2782,
96.3990

■ 37.5502, 17.7277,
96.0504

■ 35.5738, 16.2539,
95.8701

Harmonies

Analogous

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



57.5400, 55.0937, 122.4301



66.2085, 55.0937, 101.7523



71.4133, 55.0937, 72.4894

Triad

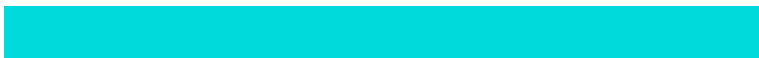
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.2085, 55.0937, 101.7523



56.5653, 55.0937, 23.1086



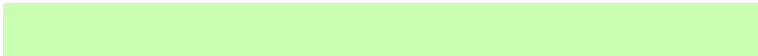
37.2423, 55.0937, 75.5217

Complementary

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



66.2085, 55.0937, 101.7523



67.6851, 87.0727, 54.3162

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.



37.0461, 55.0937, 49.0129



66.2085, 55.0937, 101.7523



47.5098, 55.0937, 23.4846

Square

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



66.2085, 55.0937, 101.7523



65.4237, 55.0937, 30.3326



40.5995, 55.0937, 31.5741



41.1709, 55.0937, 104.5220

Rectangle

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



66.2085, 55.0937, 101.7523



71.8664, 55.0937, 54.4189



40.5995, 55.0937, 31.5741



36.7550, 55.0937, 65.9240

Sweetspot

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



66.2101, 55.0960, 101.7527



85.5391, 84.8699, 106.4809



56.8469, 58.2333, 102.8517



17.9989, 17.6774, 22.7134



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.



66.2101, 55.0960, 101.7527



61.8298, 48.6182, 100.7332



72.5715, 58.6347, 90.3345



18.2008, 17.9953, 22.7641



18.7497, 8.5763, 50.1018



1.9389, 0.8935, 4.8835

Inverse Universe

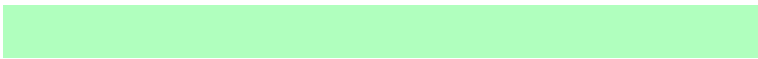
The Inverse Universe completely reimagines the original color for something new.



67.3092, 56.5298, 62.6238



63.2736, 50.3675, 55.3931



63.0132, 84.4897, 61.9819



18.2462, 18.0818, 19.9135



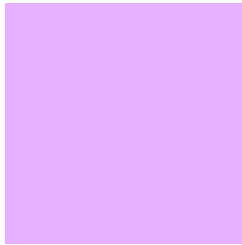
22.3782, 11.4406, 5.3763



2.2259, 1.1328, 0.7713

Previews

White Background



This preview shows how the XYZ color 66.2085, 55.0937, 101.7523 looks on a white background.

Color Contrast Check

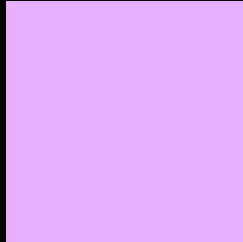
Large Text (above 18pt) WCAG AA × Fail

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 66.2085, 55.0937, 101.7523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

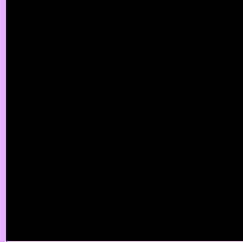
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.2085, 55.0937, 101.7523

Background



This preview shows how black text looks on a background with the XYZ color 66.2085, 55.0937, 101.7523.



This preview shows how white text looks on a background with the XYZ color 66.2085, 55.0937,

101.7523.

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

66.2085, 55.0937, 101.7523

Protanopia

55.9322, 55.3873, 102.3506

Deuteranopia

56.8904, 55.6073, 99.8303



Tritanopia

58.4371, 55.2873, 62.8499

Trichromacy



Original Color

66.2085, 55.0937, 101.7523



Protanomaly

59.1090, 54.7664, 102.0633



Deuteranomaly

59.8571, 55.1891, 100.4263

Tritanomaly

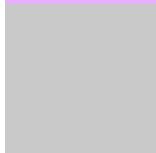
61.0360, 55.0950, 75.8241

Monochromacy



Original Color

66.2085, 55.0937, 101.7523



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 66.2085, 55.0937, 101.7523 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(230, 176, 255)` looks like.

```
.text, #text, p{  
    color:rgb(230, 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(230, 176, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 176, 255) }
```

Border

The CSS property to change the border of an element to XYZ 66.2085, 55.0937, 101.7523 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(230, 176, 255) }
```


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

```
.border{ border-color:rgb(230, 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(230, 176, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 176, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 176, 255);  
box-shadow:4px 4px 4px 4px rgb(230, 176,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 66.2085, 55.0937, 101.7523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 176, 255) }
```

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

```
.background{ background-color: rgb(230,  
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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