

Converting Colors

XYZ(66.8087, 54.5543,
103.5848)

Have a look what the booklet for
XYZ(66.8087, 54.5543, 103.5848)
contains.

XYZ(66.2723, 54.2629, 101.5886)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(66.2723, 54.2629,
101.5886)**

Conversions

Conversions Part 1

Format	Color
Hex	E8ADFF
RGB	232, 173, 255
RGB Percent	91%, 68%, 100%
CMY	0.0902, 0.3216, 0.0000
CMYK	0.09, 0.32, 0.00, 0.00
HSL	283°, 100%, 84%
HSV	283°, 32%, 100%
XYZ	66.2723, 54.2629, 101.5886
YIQ	199.9890, 8.8420, 38.0100

Conversions

Conversions Part 2

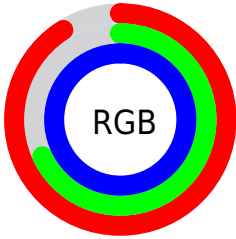
Format	Color
R _Y B	232, 173, 255
Decimal	15248895
CIE Lab	78.61, 35.55, -32.30
CIE LCh	79, 48.033, 317.741
Yxy	54.2629, 0.2984, 0.2443
Android (android.graphics.Color)	4293438975 (0xFFE8ADFF)
YUV	199.9890, 27.1204, 28.0736
Hunter-Lab	73.6634, 31.6792, -30.2021

Details

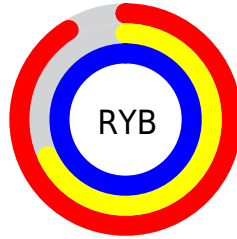
The XYZ color **66.2723, 54.2629, 101.5886** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **66.0689, 86.2734, 52.7078**, and the grayscale version is **54.7289, 57.5791, 62.7036**.

A 20% lighter version of the original color is **87.3093, 84.5186, 106.3198**, and **34.5887, 26.6241, 56.7420** is the 20% darker color. If you saturate the color by 10%, you get **59.5670, 44.2282, 100.0051**, and if you desaturate by 10%, it is **74.0084, 66.2169, 103.4882**.

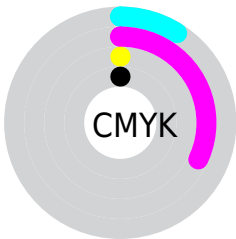
Distribution



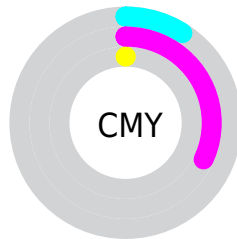
- Red (91%)
- Green (68%)
- Blue (100%)



- Red (91%)
- Yellow (68%)
- Blue (100%)



- Cyan (9%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (32%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.2723, 54.2629, 101.5886 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 66.2723, 54.2629, 101.5886 by changing the saturation by 10% instead.

66.2723, 54.2629,
101.5886

66.2723, 54.2629,
101.5886

436.8234,
403.1117, 586.5641

48.7620, 38.8119,
77.0036

112.9326, 96.4601,
165.4095

34.6445, 26.6134,
56.7443

142.8134,
123.9752, 205.4824

23.5544, 17.2831,
40.3920

177.5483,
156.2803, 251.5552

15.1263, 10.4365,
27.5282

217.5028,
193.7600, 304.0462

8.9950, 5.6893,
17.7344

263.0422,
236.7986, 363.3741

4.7950, 2.6571,
10.5920

314.5319,

2.1610, 0.9555,

285.7805, 429.9573

5.6825

372.3371,
341.0900, 504.2145

■ 0.7221, 0.0000,
2.5873

■ 0.0000, 0.0000,
0.8859

■ 66.2723, 54.2629,
101.5886

■ 66.2723, 54.2629,
101.5886

■ 59.5670, 44.2282,
100.0051

■ 74.0084, 66.2169,
103.4882

■ 53.8333, 35.9991,
98.7189

■ 82.8206, 80.1822,
105.7193

■ 49.0131, 29.4600,
97.7108

■ 92.7571, 96.2527,
108.2975

■ 45.0395, 24.4789,
96.9588

■ 95.0500, 100.0000,
108.9000

■ 41.8356, 20.9037,
96.4376

■ 39.3087, 18.5507,
96.1166

■ 37.6925, 17.3461,
95.9693

Harmonies

Analogous

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



57.3297, 54.2629, 124.0348



66.2723, 54.2629, 101.5886



71.5112, 54.2629, 70.8722

Triad

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



66.2723, 54.2629, 101.5886



55.5423, 54.2629, 21.3499



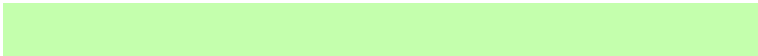
36.0928, 54.2629, 76.4554

Complementary

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



66.2723, 54.2629, 101.5886



66.0689, 86.2734, 52.7078

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.



35.7384, 54.2629, 48.6796



66.2723, 54.2629, 101.5886



46.2193, 54.2629, 22.0120

Square

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



66.2723, 54.2629, 101.5886



64.8265, 54.2629, 28.2627



39.2295, 54.2629, 30.4768



40.2653, 54.2629, 106.7384

Rectangle

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



66.2723, 54.2629, 101.5886



71.8218, 54.2629, 52.3287



39.2295, 54.2629, 30.4768



35.5434, 54.2629, 66.3950

Sweetspot

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



66.2739, 54.2651, 101.5889



84.8653, 83.4644, 106.2451



55.0780, 55.6915, 102.4544



17.8780, 17.4043, 22.6670



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.



66.2739, 54.2651, 101.5889



61.5753, 47.1944, 100.4718



71.5048, 57.2771, 87.5873



18.2669, 18.0293, 22.7672



19.8481, 9.1426, 50.1532



2.0392, 0.9451, 4.8882

Inverse Universe

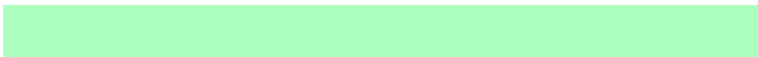
The Inverse Universe completely reimagines the original color for something new.



66.1486, 55.1346, 59.3817



61.6466, 48.3236, 51.1203



62.3733, 84.1563, 62.1142



18.2188, 18.0708, 19.7691



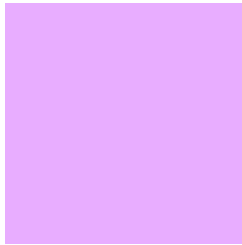
22.2062, 11.3718, 4.4706



2.2063, 1.1249, 0.6680

Previews

White Background



This preview shows how the XYZ color 66.2723, 54.2629, 101.5886 looks on a white background.

Color Contrast Check

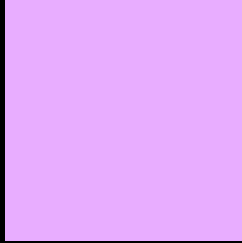
Large Text (above 18pt) WCAG AA × Fail

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 66.2723, 54.2629, 101.5886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

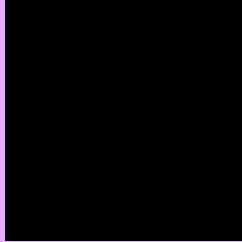
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.2723, 54.2629, 101.5886

Background



This preview shows how black text looks on a background with the XYZ color 66.2723, 54.2629, 101.5886.

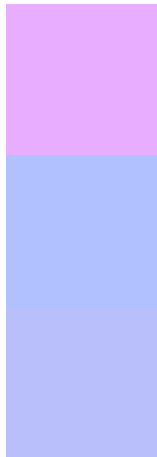


This preview shows how white text looks on a background with the XYZ color 66.2723, 54.2629,

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

66.2723, 54.2629, 101.5886

Protanopia

55.2514, 54.7070, 102.2552

Deuteranopia

55.8106, 54.4170, 98.8288



Tritanopia

58.0740, 54.2055, 60.8280

Trichromacy



Original Color

66.2723, 54.2629, 101.5886



Protanomaly

58.6349, 54.2081, 101.9806



Deuteranomaly

58.7986, 53.7268, 99.3667

Tritanomaly

60.7860, 54.0879, 74.2541

Monochromacy



Original Color

66.2723, 54.2629, 101.5886



Achromatopsia

54.8990, 57.7580, 62.8985



Achromatomaly

58.4831, 55.9913, 75.4351

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.2723, 54.2629, 101.5886 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(232, 173, 255)` looks like.

```
.text, #text, p{  
    color:rgb(232, 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(232, 173, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 173, 255) }
```

Border

The CSS property to change the border of an element to XYZ 66.2723, 54.2629, 101.5886 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(232, 173, 255) }
```


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

```
.border{ border-color:rgb(232, 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(232, 173, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 173, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 173, 255);  
box-shadow:4px 4px 4px 4px rgb(232, 173,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 66.2723, 54.2629, 101.5886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 173, 255) }
```

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

```
.background{ background-color: rgb(232,  
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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