

Converting Colors

XYZ(68.0624, 54.9022,
101.6176)

Have a look what the booklet for
XYZ(68.0624, 54.9022, 101.6176)
contains.

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Color

**XYZ(68.0624, 54.9022,
101.6176)**

Conversions

Conversions Part 1

Format	Color
Hex	EEACFF
RGB	238, 172, 255
RGB Percent	93%, 67%, 100%
CMY	0.0667, 0.3255, 0.0000
CMYK	0.07, 0.33, 0.00, 0.00
HSL	288°, 100%, 84%
HSV	288°, 33%, 100%
XYZ	68.0624, 54.9022, 101.6176
YIQ	201.1960, 12.6930, 39.8050

Conversions

Conversions Part 2

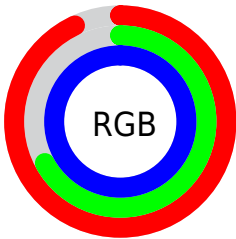
Format	Color
R _Y B	238, 172, 255
Decimal	15641855
CIE Lab	78.98, 37.91, -31.68
CIE LCh	79, 49.406, 320.115
Yxy	54.9022, 0.3031, 0.2445
Android (android.graphics.Color)	4293831935 (0xFFEEACFF)
YUV	201.1960, 26.5254, 32.2771
Hunter-Lab	74.0960, 34.2968, -29.4449

Details

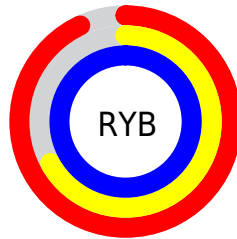
The XYZ color **68.0624, 54.9022, 101.6176** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **64.1940, 85.3180, 52.1170**, and the grayscale version is **55.4755, 58.3646, 63.5590**.

A 20% lighter version of the original color is **87.0334, 83.9668, 106.2278**, and **35.8459, 27.0946, 56.7666** is the 20% darker color. If you saturate the color by 10%, you get **61.9392, 45.2204, 100.0716**, and if you desaturate by 10%, it is **75.1709, 66.4770, 103.4771**.

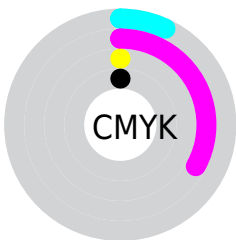
Distribution



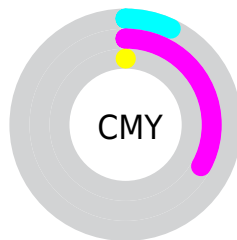
- Red (93%)
- Green (67%)
- Blue (100%)



- Red (93%)
- Yellow (67%)
- Blue (100%)



- Cyan (7%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.0624, 54.9022, 101.6176 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 68.0624, 54.9022, 101.6176 by changing the saturation by 10% instead.

68.0624, 54.9022,
101.6176

68.0624, 54.9022,
101.6176

443.0903,
405.5411, 586.6574

50.2224, 39.3234,
77.0278

115.4828, 97.3976,
165.4496

35.8086, 27.0114,
56.7640

145.7939,
125.0831, 205.5288

24.4559, 17.5818,
40.4077

180.9928,
157.5729, 251.6082

15.7987, 10.6502,
27.5403

221.4447,
195.2515, 304.1064

9.4718, 5.8321,
17.7434

267.5150,
238.5032, 363.4419

5.1097, 2.7433,
10.5984

319.5692,

2.3472, 0.9992,

287.7124, 430.0332

5.6867

377.9725,
343.2636, 504.2988

■ 0.8186, 0.0000,
2.5899

■ 0.0000, 0.0000,
0.8872

■ 68.0624, 54.9022,
101.6176

■ 68.0624, 54.9022,
101.6176

■ 61.9392, 45.2204,
100.0716

■ 75.1709, 66.4770,
103.4771

■ 56.7424, 37.3176,
98.8201

■ 83.3092, 80.0364,
105.6654

■ 52.4145, 31.0781,
97.8439

■ 92.5252, 95.6744,
108.1982

■ 48.8889, 26.3698,
97.1209

■ 95.0500, 100.0000,
108.9000

■ 46.0889, 23.0398,
96.6257

■ 43.9219, 20.9033,
96.3275

■ 42.6170, 19.8848,
96.1997

Harmonies

Analogous

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



58.9529, 54.9022, 126.3331



68.0624, 54.9022, 101.6176



73.0939, 54.9022, 69.5569

Triad

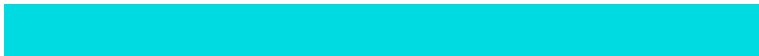
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.0624, 54.9022, 101.6176



55.4938, 54.9022, 20.7509



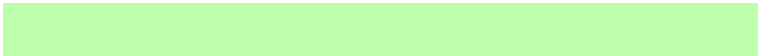
36.3780, 54.9022, 80.3823

Complementary

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



68.0624, 54.9022, 101.6176



64.1940, 85.3180, 52.1170

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.



35.6969, 54.9022, 50.9636



68.0624, 54.9022, 101.6176



45.9521, 54.9022, 22.0086

Square

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



68.0624, 54.9022, 101.6176



65.2586, 54.9022, 27.1330



38.9879, 54.9022, 31.3642



40.9820, 54.9022, 111.6460

Rectangle

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



68.0624, 54.9022, 101.6176



73.0774, 54.9022, 50.7722



38.9879, 54.9022, 31.3642



35.7071, 54.9022, 69.7929

Sweetspot

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



68.0640, 54.9045, 101.6180



85.5525, 83.8186, 106.2773



53.4751, 52.8127, 101.9832



18.0449, 17.4903, 22.6749



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.



68.0640, 54.9045, 101.6180



64.0026, 48.4457, 100.5854



70.4859, 56.5640, 83.1637



18.4069, 18.1015, 22.7737



22.3954, 10.4558, 50.2724



2.2682, 1.0632, 4.8989

Inverse Universe

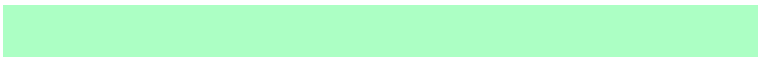
The Inverse Universe completely reimagines the original color for something new.



65.1792, 54.4413, 55.2189



60.8815, 48.0175, 47.0914



62.6837, 84.2550, 64.8978



18.1615, 18.0479, 19.4676



21.9178, 11.2564, 2.9517



2.1711, 1.1108, 0.4827

Previews

White Background



This preview shows how the XYZ color 68.0624, 54.9022, 101.6176 looks on a white background.

Color Contrast Check

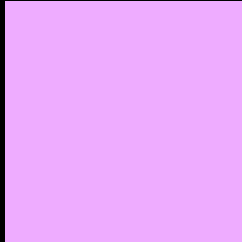
Large Text (above 18pt) WCAG AA × Fail

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 68.0624, 54.9022, 101.6176 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 68.0624, 54.9022, 101.6176

Background



This preview shows how black text looks on a background with the XYZ color 68.0624, 54.9022, 101.6176.



This preview shows how white text looks on a background with the XYZ color 68.0624, 54.9022,

101.6176.

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

68.0624, 54.9022, 101.6176

Protanopia

55.9322, 55.3873, 102.3506

Deuteranopia

56.5119, 55.1034, 98.9243



Tritanopia

59.7597, 54.7672, 60.8475

Trichromacy



Original Color

68.0624, 54.9022, 101.6176



Protanomaly

59.4283, 54.6172, 102.0177



Deuteranomaly

60.0965, 54.7053, 99.4872



Tritanomaly

62.5106, 54.6783, 74.2771

Monochromacy



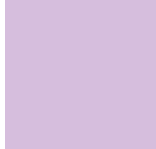
Original Color

68.0624, 54.9022, 101.6176



Achromatopsia

55.5167, 58.4078, 63.6061



Achromatomaly

59.1962, 56.3435, 76.1620

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.0624, 54.9022, 101.6176 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(238, 172, 255)` looks like.

```
.text, #text, p{  
    color:rgb(238, 172, 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(238, 172, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 172, 255) }
```

Border

The CSS property to change the border of an element to XYZ 68.0624, 54.9022, 101.6176 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(238, 172, 255) }
```


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

```
.border{ border-color:rgb(238, 172, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 172, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 172, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 172, 255);  
box-shadow:4px 4px 4px 4px rgb(238, 172,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 68.0624, 54.9022, 101.6176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 172, 255) }
```

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

```
.background{ background-color: rgb(238,  
172, 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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