

Converting Colors

XYZ(65.2739, 54.7332, 95.6147)

Have a look what the booklet for
XYZ(65.2739, 54.7332, 95.6147)
contains.

XYZ(65.4236, 54.8169, 95.9395)	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(65.4236, 54.8169,
95.9395)**

Conversions

Conversions Part 1

Format	Color
Hex	E7B0F8
RGB	231, 176, 248
RGB Percent	91%, 69%, 97%
CMY	0.0941, 0.3098, 0.0274
CMYK	0.07, 0.29, 0.00, 0.03
HSL	286°, 84%, 83%
HSV	286°, 29%, 97%
XYZ	65.4236, 54.8169, 95.9395
YIQ	200.6530, 9.6680, 34.0520

Conversions

Conversions Part 2

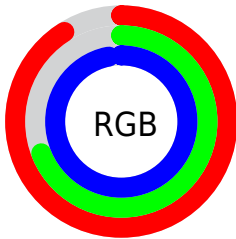
Format	Color
R _Y B	231, 176, 248
Decimal	15184120
CIE Lab	78.94, 32.27, -28.06
CIE LCh	79, 42.757, 318.992
Yxy	54.8169, 0.3026, 0.2536
Android (android.graphics.Color)	4293374200 (0xFFE7B0F8)
YUV	200.6530, 23.3421, 26.6143
Hunter-Lab	74.0384, 28.1631, -25.0015

Details

The XYZ color **65.4236, 54.8169, 95.9395** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **63.3981, 81.6083, 53.4874**, and the grayscale version is **55.1602, 58.0328, 63.1977**.

A 20% lighter version of the original color is **88.1466, 86.1932, 106.5989**, and **34.1661, 27.0415, 52.7090** is the 20% darker color. If you saturate the color by 10%, you get **59.1400, 45.0077, 94.3781**, and if you desaturate by 10%, it is **72.6622, 66.4399, 97.8023**.

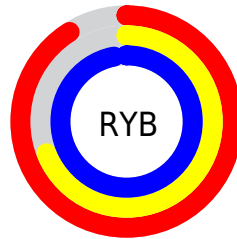
Distribution



Red (91%)

Green (69%)

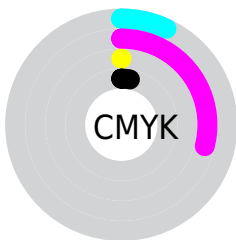
Blue (97%)



Red (91%)

Yellow (69%)

Blue (97%)

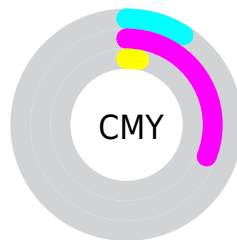


Cyan (7%)

Magenta (29%)

Yellow (0%)

Black (3%)



Cyan (9%)

Magenta (31%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.4236, 54.8169, 95.9395 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 65.4236, 54.8169, 95.9395 by changing the saturation by 10% instead.

65.4236, 54.8169,
95.9395

65.4236, 54.8169,
95.9395

433.8338,
405.2175, 568.2293

48.0706, 39.2551,
72.3160

111.7210, 97.2726,
157.5686

34.0943, 26.9583,
52.9284

141.3961,
124.9354, 196.4113

23.1293, 17.5419,
37.3583

175.9092,
157.4006, 241.1642

14.8102, 10.6216,
25.1871

215.6259,
195.0527, 292.2457

8.7717, 5.8130,
15.9962

260.9113,
238.2760, 350.0744

4.6485, 2.7317,
9.3671

312.1308,

2.0752, 0.9933,

287.4550, 415.0689

4.8813

369.6499,
342.9740, 487.6477

■ 0.6757, 0.0000,
2.1203

■ 0.0000, 0.0000,
0.6278

■ 65.4236, 54.8169,
95.9395

■ 65.4236, 54.8169,
95.9395

■ 59.1400, 45.0077,
94.3781

■ 72.6622, 66.4399,
97.8023

■ 53.7571, 36.9080,
93.0985

■ 80.8958, 79.9593,
99.9778

■ 49.2230, 30.4139,
92.0839

■ 90.1685, 95.4613,
102.4813

■ 45.4780, 25.4068,
91.3149

■ 93.7320, 99.4484,
103.0631

■ 42.4541, 21.7518,
90.7688

■ 93.9434, 99.5574,
103.0730

■ 40.0707, 19.2887,
90.4189

■ 38.2079, 17.7783,
90.2256

■ 38.0402, 17.6532,
90.2103

Harmonies

Analogous

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



57.5995, 54.8169, 115.7383



65.4236, 54.8169, 95.9395



69.8340, 54.8169, 69.0710

Triad

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



65.4236, 54.8169, 95.9395



55.2832, 54.8169, 24.5395



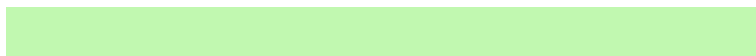
38.1342, 54.8169, 76.2386

Complementary

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



65.4236, 54.8169, 95.9395



63.3981, 81.6083, 53.4874

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.



37.6582, 54.8169, 51.1927



65.4236, 54.8169, 95.9395



46.9655, 54.8169, 25.4832

Square

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



65.4236, 54.8169, 95.9395



63.5701, 54.8169, 30.8904



40.7236, 54.8169, 33.9546



42.1031, 54.8169, 102.3975

Rectangle

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



65.4236, 54.8169, 95.9395



69.9554, 54.8169, 52.6704



40.7236, 54.8169, 33.9546



37.5779, 54.8169, 67.2990

Sweetspot

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



65.4254, 54.8192, 95.9407



86.1951, 85.2081, 106.5116



54.1418, 54.5934, 96.4918



18.1612, 17.7610, 22.7210



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.



65.4254, 54.8192, 95.9407



65.5485, 51.8817, 101.1671



68.5213, 56.7226, 82.2015



17.5690, 17.3060, 21.7997



20.6798, 9.6035, 48.7373



2.0085, 0.9375, 4.5183

Inverse Universe

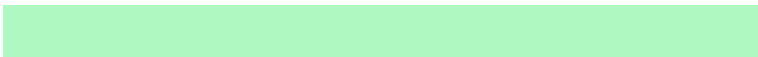
The Inverse Universe completely reimagines the original color for something new.



63.8642, 54.8597, 57.6775



63.7815, 52.0219, 53.5940



61.2114, 80.2614, 63.3071



17.4125, 17.2924, 18.7622



21.3770, 10.9665, 3.4279



2.0192, 1.0314, 0.5243

Previews

White Background



This preview shows how the XYZ color 65.4236, 54.8169, 95.9395 looks on a white background.

Color Contrast Check

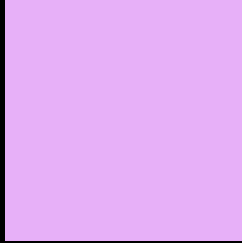
Large Text (above 18pt) WCAG AA × Fail

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 65.4236, 54.8169, 95.9395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

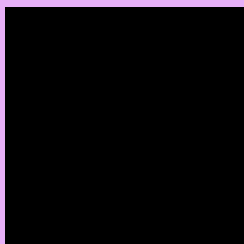
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.4236, 54.8169, 95.9395

Background



This preview shows how black text looks on a background with the XYZ color 65.4236, 54.8169, 95.9395.



This preview shows how white text looks on a background with the XYZ color 65.4236, 54.8169,

95.9395.

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

65.4236, 54.8169, 95.9395

Protanopia

55.9322, 55.3873, 102.3506

Deuteranopia

56.3173, 55.1107, 94.0554



Tritanopia

58.5148, 54.7153, 62.1206

Trichromacy



Original Color

65.4236, 54.8169, 95.9395



Protanomaly

58.6297, 54.5747, 99.5393



Deuteranomaly

59.0953, 54.6090, 94.6147



Tritanomaly

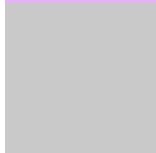
60.9309, 54.7965, 73.0110

Monochromacy



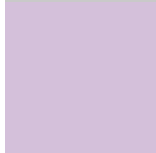
Original Color

65.4236, 54.8169, 95.9395



Achromatopsia

55.5167, 58.4078, 63.6061



Achromatomaly

58.6559, 56.7583, 74.1936

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4236, 54.8169, 95.9395 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, 248)` looks like.

```
.text, #text, p{  
    color:rgb(231, 176, 248)  
}
```

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, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 176, 248) }
```

Border

The CSS property to change the border of an element to XYZ 65.4236, 54.8169, 95.9395 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, 248) }
```


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

```
.border{ border-color:rgb(231, 176, 248) }
```

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, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 176, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 176, 248); box-shadow:4px 4px 4px 4px rgb(231, 176, 248) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4236, 54.8169, 95.9395 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, 248) }
```

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

```
.background{ background-color: rgb(231,  
176, 248) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor