

Converting Colors

XYZ(64.6709, 54.9062, 90.5860)

Have a look what the booklet for
XYZ(64.6709, 54.9062, 90.5860)
contains.

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Color

**XYZ(64.5543, 54.7841,
90.3911)**

Conversions

Conversions Part 1

Format	Color
Hex	E7B1F1
RGB	231, 177, 241
RGB Percent	91%, 69%, 95%
CMY	0.0941, 0.3059, 0.0549
CMYK	0.04, 0.27, 0.00, 0.05
HSL	291°, 70%, 82%
HSV	291°, 27%, 95%
XYZ	64.5543, 54.7841, 90.3911
YIQ	200.4420, 11.6400, 31.3520

Conversions

Conversions Part 2

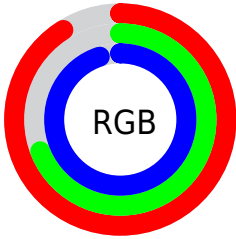
Format	Color
R _Y B	231, 177, 241
Decimal	15184369
CIE Lab	78.92, 30.38, -24.32
CIE LCh	79, 38.917, 321.326
Yxy	54.7841, 0.3078, 0.2612
Android (android.graphics.Color)	4293374449 (0xFFE7B1F1)
YUV	200.4420, 19.9951, 26.7994
Hunter-Lab	74.0163, 26.1527, -20.5955

Details

The XYZ color **64.5543, 54.7841, 90.3911** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **59.8866, 76.6511, 53.2365**, and the grayscale version is **55.0491, 57.9160, 63.0705**.

A 20% lighter version of the original color is **88.4289, 86.7578, 106.6930**, and **33.6438, 27.0320, 49.3434** is the 20% darker color. If you saturate the color by 10%, you get **59.0061, 45.4716, 88.8869**, and if you desaturate by 10%, it is **70.9727, 65.7959, 92.1791**.

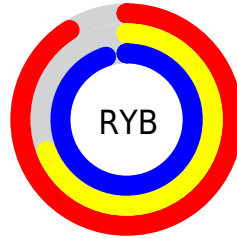
Distribution



Red (91%)

Green (69%)

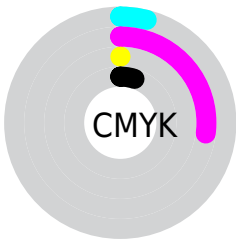
Blue (95%)



Red (91%)

Yellow (69%)

Blue (95%)

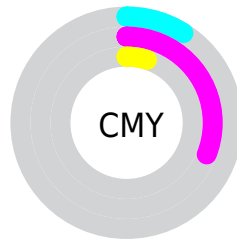


Cyan (4%)

Magenta (27%)

Yellow (0%)

Black (5%)



Cyan (9%)


Magenta (31%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.5543, 54.7841, 90.3911 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 64.5543, 54.7841, 90.3911 by changing the saturation by 10% instead.


 64.5543, 54.7841,
90.3911

 64.5543, 54.7841,
90.3911


430.7592,
405.0930, 549.9052

 47.3631, 39.2289,
67.7295


 110.4781, 97.2246,
149.8218

 33.5320, 26.9378,
49.2124

139.9415,
124.8786, 187.4280

 22.6955, 17.5265,
34.4212

174.2263,
157.3344, 230.8528

 14.4882, 10.6106,
22.9374

213.6978,
194.9763, 280.5148

 8.5450, 5.8056,
14.3424

258.7216,
238.1887, 336.8325

 4.5003, 2.7273,
8.2177

309.6628,

 1.9889, 0.9911,

287.3560, 400.2244

4.1448

366.8869,
342.8627, 471.1091

■ 0.6277, 0.0000,
1.7051

■ 0.0000, 0.0000,
0.3642

■ 64.5543, 54.7841,
90.3911

■ 64.5543, 54.7841,
90.3911

■ 59.0061, 45.4716,
88.8869

■ 70.9727, 65.7959,
92.1791

■ 54.2785, 37.7629,
87.6481

■ 78.2972, 78.5820,
94.2611

■ 50.3248, 31.5637,
86.6599

■ 86.5681, 93.2215,
96.6508

■ 47.0913, 26.7669,
85.9044

■ 89.6659, 97.4754,
97.3086

■ 44.5175, 23.2513,
85.3615

■ 91.0008, 98.1635,
97.3711

■ 42.5320, 20.8749,
85.0075

■ 92.3626, 98.8656,
97.4348

■ 41.0456, 19.4595,
84.8126

■ 92.8773, 99.1309,
97.4589

■ 40.5998, 19.0958,
84.7659

Harmonies

Analogous

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



57.6636, 54.7841, 108.7228



64.5543, 54.7841, 90.3911



68.1846, 54.7841, 66.3018

Triad

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



64.5543, 54.7841, 90.3911



54.3440, 54.7841, 26.6963



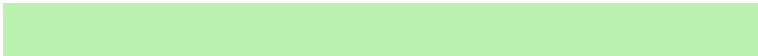
39.4191, 54.7841, 76.5038

Complementary

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



64.5543, 54.7841, 90.3911



59.8866, 76.6511, 53.2365

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.



38.7193, 54.7841, 53.4598



64.5543, 54.7841, 90.3911



46.8516, 54.7841, 28.1417

Square

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



64.5543, 54.7841, 90.3911



61.9190, 54.7841, 32.2133



41.3100, 54.7841, 36.8137



43.3262, 54.7841, 99.4245

Rectangle

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



64.5543, 54.7841, 90.3911



68.0418, 54.7841, 51.6775



41.3100, 54.7841, 36.8137



38.8174, 54.7841, 68.4043

Sweetspot

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



64.5560, 54.7865, 90.3923



87.7209, 87.0683, 106.7902



51.9230, 51.5248, 90.4285



18.4975, 18.1482, 22.7780



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.



64.5560, 54.7865, 90.3923



69.7742, 56.1823, 101.7745



64.8736, 55.2971, 74.7348



16.1975, 15.8991, 19.9367



22.1106, 10.4038, 45.9707



1.9040, 0.8988, 3.8274

Inverse Universe

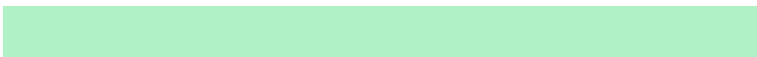
The Inverse Universe completely reimagines the original color for something new.



60.9693, 53.7353, 54.1748



65.1393, 54.8523, 53.6924



59.8202, 76.3517, 65.2147



15.8735, 15.7991, 16.8900



19.8894, 10.2282, 2.0682



1.6845, 0.8628, 0.3295

Previews

White Background



This preview shows how the XYZ color 64.5543, 54.7841, 90.3911 looks on a white background.

Color Contrast Check

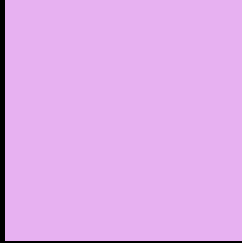
Large Text (above 18pt) WCAG AA × Fail

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 64.5543, 54.7841, 90.3911 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 64.5543, 54.7841, 90.3911

Background



This preview shows how black text looks on a background with the XYZ color 64.5543, 54.7841, 90.3911.



This preview shows how white text looks on a background with the XYZ color 64.5543, 54.7841,

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

64.5543, 54.7841, 90.3911

Protanopia

55.6220, 54.9351, 100.6004

Deuteranopia

56.0557, 54.7721, 88.5065



Tritanopia

58.7091, 54.8290, 61.5216

Trichromacy



Original Color

64.5543, 54.7841, 90.3911



Protanomaly

58.4224, 54.5223, 97.0672



Deuteranomaly

58.8710, 54.6152, 89.1003



Tritanomaly

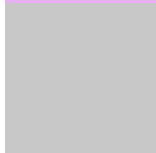
60.5441, 54.6418, 70.9742

Monochromacy



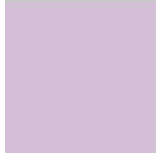
Original Color

64.5543, 54.7841, 90.3911



Achromatopsia

54.8990, 57.7580, 62.8985



Achromatomaly

57.9793, 56.4545, 72.1309

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.5543, 54.7841, 90.3911 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, 177, 241)` looks like.

```
.text, #text, p{  
    color:rgb(231, 177, 241)  
}
```

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, 177, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 177, 241) }
```

Border

The CSS property to change the border of an element to XYZ 64.5543, 54.7841, 90.3911 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, 177, 241) }
```


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

```
.border{ border-color:rgb(231, 177, 241) }
```

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

Here you see how a box with a 4 pixel rgb(231, 177, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 177, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 177, 241);  
box-shadow:4px 4px 4px 4px rgb(231, 177,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 64.5543, 54.7841, 90.3911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 177, 241) }
```

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

```
.background{ background-color: rgb(231,  
177, 241) }
```

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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