

Converting Colors

XYZ(64.4422, 54.9284, 99.7889)

Have a look what the booklet for
XYZ(64.4422, 54.9284, 99.7889)
contains.

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Color

**XYZ(64.3905, 54.7799,
100.1083)**

Conversions

Conversions Part 1

Format	Color
Hex	E0B2FD
RGB	224, 178, 253
RGB Percent	88%, 70%, 99%
CMY	0.1216, 0.3019, 0.0078
CMYK	0.11, 0.30, 0.00, 0.01
HSL	277°, 95%, 85%
HSV	277°, 30%, 99%
XYZ	64.3905, 54.7799, 100.1083
YIQ	200.3040, 3.3410, 33.0770

Conversions

Conversions Part 2

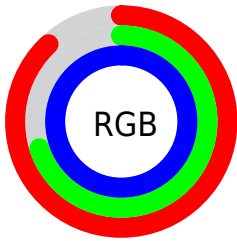
Format	Color
R _Y B	224, 178, 253
Decimal	14725885
CIE Lab	78.91, 30.02, -30.83
CIE LCh	79, 43.033, 314.238
Yxy	54.7799, 0.2936, 0.2498
Android (android.graphics.Color)	4292915965 (0xFFE0B2FD)
YUV	200.3040, 25.9791, 20.7814
Hunter-Lab	74.0134, 25.7686, -28.3844

Details

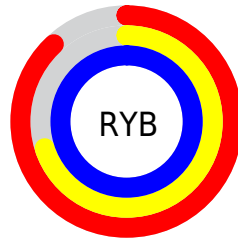
The XYZ color **64.3905, 54.7799, 100.1083** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **68.8950, 86.7316, 55.2316**, and the grayscale version is **54.9320, 57.7927, 62.9363**.

A 20% lighter version of the original color is **88.7128, 87.3256, 106.7876**, and **33.4459, 26.9776, 55.6690** is the 20% darker color. If you saturate the color by 10%, you get **56.8684, 44.1070, 98.4455**, and if you desaturate by 10%, it is **73.0189, 67.4039, 102.0911**.

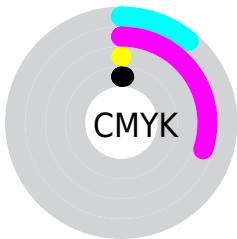
Distribution



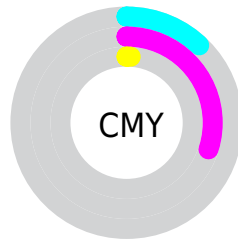
- Red (88%)
- Green (70%)
- Blue (99%)



- Red (88%)
- Yellow (70%)
- Blue (99%)



- Cyan (11%)
- Magenta (30%)
- Yellow (0%)
- Black (1%)



- Cyan (12%)
- Magenta (30%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.3905, 54.7799, 100.1083 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 64.3905, 54.7799, 100.1083 by changing the saturation by 10% instead.

64.3905, 54.7799,
100.1083

64.3905, 54.7799,
100.1083

430.1784,
405.0771, 581.7895

47.2299, 39.2255,
75.7736

110.2437, 97.2184,
163.3592

33.4261, 26.9352,
55.7413

139.6670,
124.8713, 203.1124

22.6139, 17.5246,
39.5930

173.9087,
157.3259, 248.8423

14.4278, 10.6092,
26.9100

213.3339,
194.9665, 300.9673

8.5025, 5.8047,
17.2738

258.3081,
238.1775, 359.9060

4.4726, 2.7267,
10.2659

309.1967,

1.9728, 0.9908,

287.3433, 426.0769

5.4677

366.3650,
342.8484, 499.8985

■ 0.6186, 0.0000,
2.4607

■ 0.0000, 0.0000,
0.8192

■ 64.3905, 54.7799,
100.1083

■ 64.3905, 54.7799,
100.1083

■ 56.8684, 44.1070,
98.4455

■ 73.0189, 67.4039,
102.0911

■ 50.3933, 35.2745,
97.0820

■ 82.7983, 82.0679,
104.4061

■ 44.9078, 28.1713,
96.0000

■ 93.7772, 98.8637,
107.0693

■ 40.3466, 22.6706,
95.1787

■ 94.7298, 99.8719,
107.2137

■ 36.6349, 18.6281,
94.5940

■ 33.6845, 15.8720,
94.2176

■ 31.3578, 14.1320,
94.0043

■ 31.2807, 14.0777,
93.9979

Harmonies

Analogous

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



56.2130, 54.7799, 117.8677



64.3905, 54.7799, 100.1083



69.5335, 54.7799, 73.3629

Triad

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



64.3905, 54.7799, 100.1083



56.6585, 54.7799, 24.8548



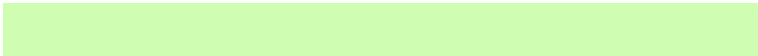
37.7098, 54.7799, 71.9834

Complementary

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



64.3905, 54.7799, 100.1083



68.8950, 86.7316, 55.2316

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.



37.8011, 54.7799, 47.7552



64.3905, 54.7799, 100.1083



48.1294, 54.7799, 24.6745

Square

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



64.3905, 54.7799, 100.1083



64.7473, 54.7799, 32.4731



41.4250, 54.7799, 31.8865



41.1602, 54.7799, 98.8632

Rectangle

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



64.3905, 54.7799, 100.1083



70.2306, 54.7799, 56.2360



41.4250, 54.7799, 31.8865



37.3403, 54.7799, 63.1911

Sweetspot

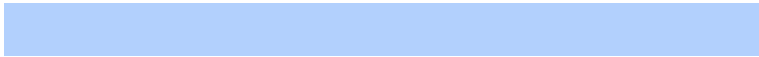
The Sweet Spot groups the original color and five complimentary colors.



64.3923, 54.7822, 100.1095



84.9709, 84.5770, 106.4543



58.6476, 61.6707, 101.7419



17.8587, 17.6051, 22.7068



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.



64.3923, 54.7822, 100.1095



60.5480, 48.6238, 100.8019



72.9878, 59.3487, 94.3966



18.0727, 17.9292, 22.7581



16.8080, 7.5753, 50.0109



1.7588, 0.8006, 4.8751

Inverse Universe

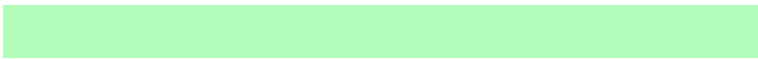
The Inverse Universe completely reimagines the original color for something new.



67.6926, 57.2306, 66.5124



64.6463, 51.6349, 60.4073



62.2970, 83.2408, 58.9622



18.3001, 18.1033, 20.1974



22.7831, 11.6025, 7.5085



2.2698, 1.1503, 1.0024

Previews

White Background



This preview shows how the XYZ color 64.3905, 54.7799, 100.1083 looks on a white background.

Color Contrast Check

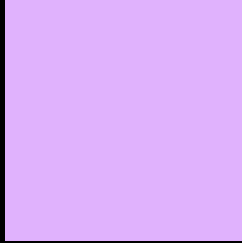
Large Text (above 18pt) WCAG AA × Fail

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 64.3905, 54.7799, 100.1083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

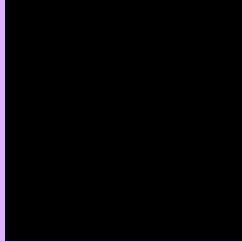
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.3905, 54.7799, 100.1083

Background



This preview shows how black text looks on a background with the XYZ color 64.3905, 54.7799, 100.1083.



This preview shows how white text looks on a background with the XYZ color 64.3905, 54.7799,

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

64.3905, 54.7799, 100.1083

Protanopia

55.7104, 54.9436, 102.2767

Deuteranopia

56.3547, 55.0405, 98.0961



Tritanopia

56.9628, 54.8296, 63.4580

Trichromacy



Original Color

64.3905, 54.7799, 100.1083



Protanomaly

58.3783, 54.7243, 101.2519



Deuteranomaly

59.0023, 54.7850, 98.7316



Tritanomaly

59.4051, 54.5615, 75.8071

Monochromacy



Original Color

64.3905, 54.7799, 100.1083



Achromatopsia

54.8990, 57.7580, 62.8985



Achromatomaly

57.9303, 56.3691, 74.8449

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.3905, 54.7799, 100.1083 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(224, 178, 253)` looks like.

```
.text, #text, p{  
    color:rgb(224, 178, 253)  
}
```

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(224, 178, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 178, 253) }
```

Border

The CSS property to change the border of an element to XYZ 64.3905, 54.7799, 100.1083 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(224, 178, 253) }
```


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

```
.border{ border-color:rgb(224, 178, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 178, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 178, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 178, 253);  
box-shadow:4px 4px 4px 4px rgb(224, 178,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 64.3905, 54.7799, 100.1083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 178, 253) }
```

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

```
.background{ background-color: rgb(224,  
178, 253) }
```

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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