

Converting Colors

XYZ(58.4239, 43.1997, 91.0471)

Have a look what the booklet for
XYZ(58.4239, 43.1997, 91.0471)
contains.

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Color

**XYZ(58.4494, 43.2764,
90.8605)**

Conversions

Conversions Part 1

Format	Color
Hex	E491F4
RGB	228, 145, 244
RGB Percent	89%, 57%, 96%
CMY	0.1059, 0.4314, 0.0431
CMYK	0.07, 0.41, 0.00, 0.04
HSL	290°, 82%, 76%
HSV	290°, 41%, 96%
XYZ	58.4494, 43.2764, 90.8605
YIQ	181.1030, 17.6890, 48.3850

Conversions

Conversions Part 2

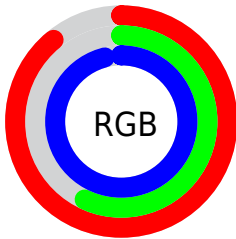
Format	Color
R _Y B	228, 145, 244
Decimal	14979572
CIE Lab	71.74, 46.99, -37.01
CIE LCh	72, 59.818, 321.774
Yxy	43.2764, 0.3035, 0.2247
Android (android.graphics.Color)	4293169652 (0xFFE491F4)
YUV	181.1030, 31.0082, 41.1287
Hunter-Lab	65.7848, 43.4728, -35.8407

Details

The XYZ color **58.4494, 43.2764, 90.8605** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **52.1609, 74.3238, 38.3868**, and the grayscale version is **43.8089, 46.0904, 50.1924**.

A 20% lighter version of the original color is **79.9443, 69.7886, 103.8648**, and **29.5914, 19.9001, 49.2952** is the 20% darker color. If you saturate the color by 10%, you get **53.8773, 35.9672, 89.6913**, and if you desaturate by 10%, it is **63.8536, 52.2052, 92.2997**.

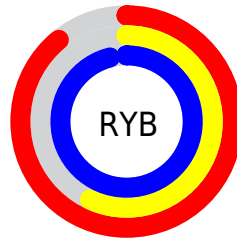
Distribution



Red (89%)

Green (57%)

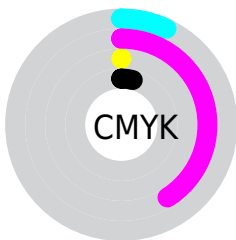
Blue (96%)



Red (89%)

Yellow (57%)

Blue (96%)

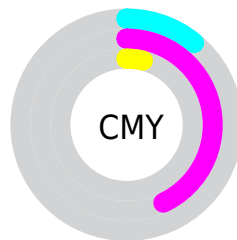


Cyan (7%)

Magenta (41%)

Yellow (0%)

Black (4%)



Cyan (11%)


Magenta (43%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.4494, 43.2764, 90.8605 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 58.4494, 43.2764, 90.8605 by changing the saturation by 10% instead.


 58.4494, 43.2764,
90.8605


 58.4494, 43.2764,
90.8605


408.7853,
359.7472, 551.4682

 42.4147, 30.1020,
68.1168

 101.6962, 80.1278,
150.4790

 29.6187, 19.9161,
49.5255


 129.6390,
104.5736, 188.1910

 19.6960, 12.3340,
34.6680


162.2820,
133.5454, 231.7294

 12.2812, 6.9716,
23.1257

199.9903,
167.4275, 281.5129

 7.0091, 3.4443,
14.4802

243.1295,
206.6043, 337.9600

 3.5141, 1.3679,
8.3129

292.0648,

 1.4311, 0.1929,

251.4603, 401.4892

4.2052

347.1616,
302.3798, 472.5191

■ 0.2782, 0.0000,
1.7386

■ 0.0000, 0.0000,
0.3870

■ 58.4494, 43.2764,
90.8605

■ 58.4494, 43.2764,
90.8605

■ 53.8773, 35.9672,
89.6913

■ 63.8536, 52.2052,
92.2997

■ 50.0809, 30.1685,
88.7721

■ 70.1327, 62.8423,
94.0220

■ 47.0037, 25.7663,
88.0846

■ 77.3320, 75.2768,
96.0426

■ 44.5793, 22.6282,
87.6067

■ 85.4921, 89.5897,
98.3752

42.7284, 20.5959,
87.3120

90.7010, 97.9568,
99.7157

41.3868, 19.4494,
87.1614

92.1118, 98.6841,
99.7817

93.3293, 99.3117,
99.8387

Harmonies

Analogous

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



48.8059, 43.2764, 120.4240



58.4494, 43.2764, 90.8605



63.6313, 43.2764, 55.5795

Triad

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



58.4494, 43.2764, 90.8605



43.9892, 43.2764, 10.6247



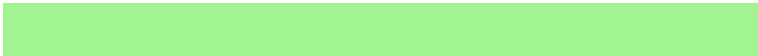
25.5397, 43.2764, 71.0452

Complementary

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



58.4494, 43.2764, 90.8605



52.1609, 74.3238, 38.3868

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.



24.6822, 43.2764, 39.5668



58.4494, 43.2764, 90.8605



34.3095, 43.2764, 11.9398

Square

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



58.4494, 43.2764, 90.8605



54.4303, 43.2764, 15.4373



27.6266, 43.2764, 20.3058



30.1995, 43.2764, 106.0841

Rectangle

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



58.4494, 43.2764, 90.8605



63.3511, 43.2764, 36.6105



27.6266, 43.2764, 20.3058



24.8318, 43.2764, 59.4713

Sweetspot

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



58.4509, 43.2783, 90.8614



84.2572, 81.0807, 105.8170



40.8403, 38.2182, 90.8129



17.8031, 16.9529, 22.5839



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.



58.4509, 43.2783, 90.8614



60.2364, 40.8278, 99.3135



59.1928, 44.1888, 67.0389



16.9353, 16.6248, 20.8589



22.6019, 10.6260, 47.3978



2.0553, 0.9694, 4.1690

Inverse Universe

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



53.8680, 42.0589, 38.9990



54.7539, 39.4484, 33.6855



52.0651, 73.9365, 53.6484



16.6083, 16.5262, 17.6841



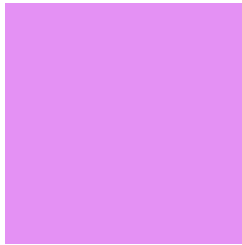
20.5216, 10.5521, 2.1891



1.8349, 0.9399, 0.3569

Previews

White Background



This preview shows how the XYZ color 58.4494, 43.2764, 90.8605 looks on a white background.

Color Contrast Check

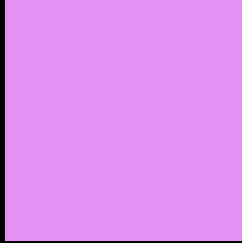
Large Text (above 18pt) WCAG AA × Fail

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 58.4494, 43.2764, 90.8605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

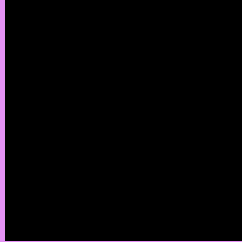
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.4494, 43.2764, 90.8605

Background



This preview shows how black text looks on a background with the XYZ color 58.4494, 43.2764, 90.8605.



This preview shows how white text looks on a background with the XYZ color 58.4494, 43.2764,

90.8605.

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

58.4494, 43.2764, 90.8605

Protanopia

45.5805, 43.8817, 100.6754

Deuteranopia

44.8166, 43.7732, 87.7483



Tritanopia

49.0271, 43.0642, 45.2634

Trichromacy



Original Color

58.4494, 43.2764, 90.8605



Protanomaly

48.8699, 42.6244, 96.9184



Deuteranomaly

48.5028, 42.6125, 88.8878



Tritanomaly

52.1543, 43.0958, 59.6023

Monochromacy



Original Color

58.4494, 43.2764, 90.8605



Achromatopsia

43.9204, 46.2077, 50.3202



Achromatomaly

48.1904, 44.3707, 63.1512

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4494, 43.2764, 90.8605 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(228, 145, 244)` looks like.

```
.text, #text, p{  
    color:rgb(228, 145, 244)  
}
```

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(228, 145, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 145, 244) }
```

Border

The CSS property to change the border of an element to XYZ 58.4494, 43.2764, 90.8605 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(228, 145, 244) }
```


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

```
.border{ border-color:rgb(228, 145, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 145, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 145, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 145, 244);  
box-shadow:4px 4px 4px 4px rgb(228, 145,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4494, 43.2764, 90.8605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 145, 244) }
```

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

```
.background{ background-color: rgb(228,  
145, 244) }
```

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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