

Converting Colors

XYZ(54.2278, 32.0797, 97.9416)

Have a look what the booklet for
XYZ(54.2278, 32.0797, 97.9416)
contains.

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Color

**XYZ(54.2278, 32.0797,
97.9416)**

Conversions

Conversions Part 1

Format	Color
Hex	E460FF
RGB	228, 96, 255
RGB Percent	89%, 38%, 100%
CMY	0.1059, 0.6235, 0.0000
CMYK	0.11, 0.62, 0.00, 0.00
HSL	290°, 100%, 69%
HSV	290°, 62%, 100%
XYZ	54.2278, 32.0797, 97.9416
YIQ	153.5940, 27.6330, 77.4330

Conversions

Conversions Part 2

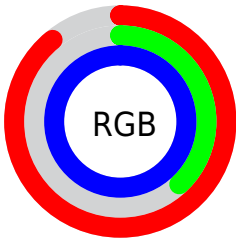
Format	Color
R _Y B	228, 96, 255
Decimal	14967039
CIE Lab	63.41, 72.42, -56.15
CIE LCh	63, 91.637, 322.211
Yxy	32.0797, 0.2943, 0.1741
Android (android.graphics.Color)	4293157119 (0xFFE460FF)
YUV	153.5940, 49.9932, 65.2541
Hunter-Lab	56.6389, 71.7830, -62.8786

Details

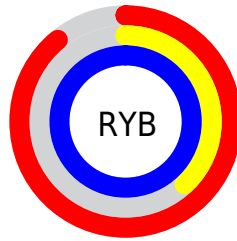
The XYZ color **54.2278, 32.0797, 97.9416** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **46.0403, 76.5758, 23.4216**, and the grayscale version is **30.3187, 31.8976, 34.7365**.

A 20% lighter version of the original color is **70.8456, 51.5912, 100.8319**, and **26.9302, 13.4462, 53.9993** is the 20% darker color. If you saturate the color by 10%, you get **50.9109, 27.4588, 97.2245**, and if you desaturate by 10%, it is **58.3356, 38.2293, 98.9121**.

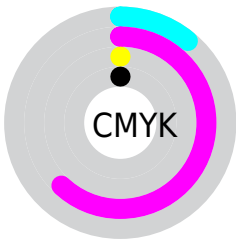
Distribution



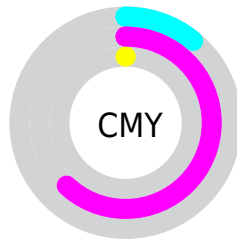
- Red (89%)
- Green (38%)
- Blue (100%)



- Red (89%)
- Yellow (38%)
- Blue (100%)



- Cyan (11%)
- Magenta (62%)
- Yellow (0%)
- Black (0%)





- Cyan (11%)
- Magenta (62%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.2278, 32.0797, 97.9416 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 54.2278, 32.0797, 97.9416 by changing the saturation by 10% instead.

 54.2278, 32.0797,
97.9416


 54.2278, 32.0797,
97.9416

393.1623,
311.4822, 574.7631

 39.0152, 21.4224,
73.9753


 95.5636, 62.9360,
160.3527


 26.9523, 13.4331,
54.2772


 122.4175, 83.9038,
199.6346

 17.6738, 7.7275,
38.4286


 153.8825,
109.0772, 244.8588

 10.8143, 3.9210,
26.0111

 190.3240,
138.8406, 296.4438

 6.0085, 1.6295,
16.6061

232.1074,
173.5784, 354.8082

 2.8910, 0.3774,
9.7951

279.5980,

 1.0964, 0.0000,

213.6750, 420.3706

5.1595

333.1612,
259.5148, 493.5493

■ 0.0221, 0.0000,
2.2808

■ 0.0000, 0.0000,
0.7204

■ 54.2278, 32.0797,
97.9416

■ 54.2278, 32.0797,
97.9416

■ 50.9109, 27.4588,
97.2245

■ 58.3356, 38.2293,
98.9121

■ 48.3051, 24.2104,
96.7349


■ 63.2969, 46.0355,
100.1574


■ 46.3195, 22.1520,
96.4422

■ 69.1718, 55.6171,
101.6972

■ 45.1151, 21.1726,
96.3166

■ 76.0139, 67.0810,
103.5493

 83.8726, 80.5254,
105.7301

 92.7937, 96.0419,
108.2549

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



40.7168, 32.0797, 148.4079



54.2278, 32.0797, 97.9416



61.7597, 32.0797, 45.3231

Triad

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



54.2278, 32.0797, 97.9416



33.9317, 32.0797, 1.3351



12.9736, 32.0797, 68.7159

Complementary

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



54.2278, 32.0797, 97.9416



46.0403, 76.5758, 23.4216

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.



12.0941, 32.0797, 26.2601



54.2278, 32.0797, 97.9416



22.1386, 32.0797, 1.9219

Square

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



54.2278, 32.0797, 97.9416



48.0934, 32.0797, 3.6510



14.9433, 32.0797, 7.1690



17.8118, 32.0797, 124.8430

Rectangle

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



54.2278, 32.0797, 97.9416



61.2359, 32.0797, 22.0957



14.9433, 32.0797, 7.1690



12.2721, 32.0797, 51.9632

Sweetspot

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



54.2290, 32.0810, 97.9418



78.5317, 71.3608, 104.2427



30.2276, 24.4134, 97.7268



16.3475, 14.4892, 22.1850



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.



54.2290, 32.0810, 97.9418



50.1547, 26.4713, 97.0738



56.4008, 34.0176, 61.1308



18.4721, 18.1351, 22.7768



23.6851, 11.1206, 50.3327



2.3826, 1.1222, 4.9043

Inverse Universe

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



48.9987, 31.0568, 22.1518



45.1810, 25.7473, 13.7091



45.8003, 76.0934, 39.6121



18.1352, 18.0374, 19.3292



21.8160, 11.2157, 2.4156



2.1575, 1.1054, 0.4110

Previews

White Background



This preview shows how the XYZ color 54.2278, 32.0797, 97.9416 looks on a white background.

Color Contrast Check

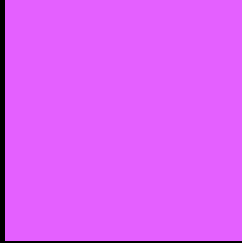
Large Text (above 18pt) WCAG AA × Fail

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 54.2278, 32.0797, 97.9416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

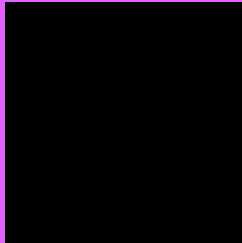
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.2278, 32.0797, 97.9416

Background



This preview shows how black text looks on a background with the XYZ color 54.2278, 32.0797, 97.9416.



This preview shows how white text looks on a background with the XYZ color 54.2278, 32.0797,

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

54.2278, 32.0797, 97.9416

Protanopia

35.4233, 32.6044, 99.0340

Deuteranopia

33.5165, 32.5286, 90.8983



Tritanopia

39.7942, 31.8264, 28.4718

Trichromacy



Original Color

54.2278, 32.0797, 97.9416



Protanomaly

39.1152, 30.1280, 98.3614



Deuteranomaly

37.6992, 29.9105, 93.4089

Tritanomaly

43.7324, 31.1985, 47.4330

Monochromacy



Original Color

54.2278, 32.0797, 97.9416



Achromatopsia

30.7148, 32.3143, 35.1903



Achromatomaly

36.8476, 30.3604, 53.2083

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2278, 32.0797, 97.9416 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, 96, 255)` looks like.

```
.text, #text, p{  
    color:rgb(228, 96, 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(228, 96, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 96, 255) }
```

Border

The CSS property to change the border of an element to XYZ 54.2278, 32.0797, 97.9416 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, 96, 255) }
```


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

```
.border{ border-color:rgb(228, 96, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 96, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 96, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 96, 255);  
box-shadow:4px 4px 4px 4px rgb(228, 96,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2278, 32.0797, 97.9416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 96, 255) }
```

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

```
.background{ background-color: rgb(228, 96,  
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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