

Converting Colors

XYZ(54.3134, 33.7349, 98.2566)

Have a look what the booklet for
XYZ(54.3134, 33.7349, 98.2566)
contains.

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Color

**XYZ(54.3590, 33.7429,
98.2557)**

Conversions

Conversions Part 1

Format	Color
Hex	E16BFF
RGB	225, 107, 255
RGB Percent	88%, 42%, 100%
CMY	0.1176, 0.5804, 0.0000
CMYK	0.12, 0.58, 0.00, 0.00
HSL	288°, 100%, 71%
HSV	288°, 58%, 100%
XYZ	54.3590, 33.7429, 98.2557
YIQ	159.1540, 22.8200, 71.0440

Conversions

Conversions Part 2

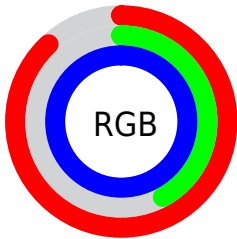
Format	Color
R _Y B	225, 107, 255
Decimal	14773247
CIE Lab	64.76, 66.94, -54.03
CIE LCh	65, 86.023, 321.090
Yxy	33.7429, 0.2917, 0.1811
Android (android.graphics.Color)	4292963327 (0xFFE16BFF)
YUV	159.1540, 47.2521, 57.7469
Hunter-Lab	58.0886, 65.3841, -59.6257

Details

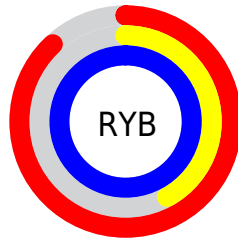
The XYZ color **54.3590, 33.7429, 98.2557** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **48.7310, 77.9002, 26.3791**, and the grayscale version is **32.8097, 34.5184, 37.5905**.

A 20% lighter version of the original color is **72.3872, 54.6744, 101.3457**, and **27.0172, 14.3808, 54.7779** is the 20% darker color. If you saturate the color by 10%, you get **50.4949, 28.3698, 97.4223**, and if you desaturate by 10%, it is **59.0579, 40.7110, 99.3531**.

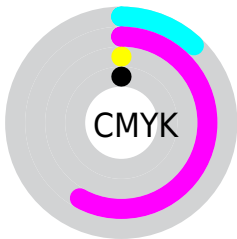
Distribution



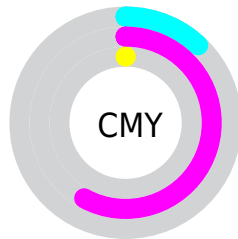
- Red (88%)
- Green (42%)
- Blue (100%)



- Red (88%)
- Yellow (42%)
- Blue (100%)



- Cyan (12%)
- Magenta (58%)
- Yellow (0%)
- Black (0%)





- Cyan (12%)
- Magenta (58%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.3590, 33.7429, 98.2557 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 54.3590, 33.7429, 98.2557 by changing the saturation by 10% instead.


 54.3590, 33.7429,
98.2557

 54.3590, 33.7429,
98.2557

393.6536,
318.9841, 575.7845

 39.1206, 22.6962,
74.2359


 95.7550, 65.5337,
160.7890

 27.0347, 14.3693,
54.4891


 122.6432, 87.0465,
200.1394

 17.7360, 8.3780,
38.5970


 154.1454,
112.8167, 245.4372

 10.8591, 4.3377,
26.1410

 190.6270,
143.2289, 297.1009

 6.0388, 1.8642,
16.7024

232.4532,
178.6673, 355.5489

 2.9096, 0.5267,
9.8628

279.9895,

 1.1061, 0.0000,

219.5164, 421.1998

5.2037

333.6011,
266.1605, 494.4721

■ 0.0302, 0.0000,
2.3064

■ 0.0000, 0.0000,
0.7348

■ 54.3590, 33.7429,
98.2557

■ 54.3590, 33.7429,
98.2557

■ 50.4949, 28.3698,
97.4223

■ 59.0579, 40.7110,
99.3531

■ 47.3904, 24.4452,
96.8284

■ 64.6509, 49.3954,
100.7345

■ 44.9622, 21.8021,
96.4462

■ 71.1958, 59.9099,
102.4191

■ 43.0960, 20.2123,
96.2377

■ 78.7445, 72.3577,
104.4239

■ 42.7639, 19.9605,
96.2066

■ 87.3448, 86.8340,
106.7648

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.



41.4106, 33.7429, 143.9348



54.3590, 33.7429, 98.2557



61.7633, 33.7429, 48.3291

Triad

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



54.3590, 33.7429, 98.2557



35.8972, 33.7429, 2.1735



14.6092, 33.7429, 67.0936

Complementary

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



54.3590, 33.7429, 98.2557



48.7310, 77.9002, 26.3791

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.



13.8497, 33.7429, 27.1700



54.3590, 33.7429, 98.2557



24.2542, 33.7429, 2.7920

Square

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



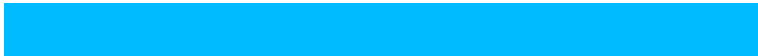
54.3590, 33.7429, 98.2557



49.4441, 33.7429, 5.1441



16.8997, 33.7429, 8.4196



19.3353, 33.7429, 119.2822

Rectangle

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



54.3590, 33.7429, 98.2557



61.5206, 33.7429, 25.1373



16.8997, 33.7429, 8.4196



13.9396, 33.7429, 51.4561

Sweetspot

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



54.3602, 33.7443, 98.2559



79.5870, 73.7636, 104.6508



33.3568, 28.8317, 98.4147



16.6878, 15.2099, 22.3062



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.



54.3602, 33.7443, 98.2559



49.8280, 27.4901, 97.2876



58.5171, 36.5839, 66.9733



18.4108, 18.1035, 22.7739



22.4713, 10.4949, 50.2759



2.2749, 1.0667, 4.8993

Inverse Universe

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



51.0137, 33.5826, 27.4612



46.8217, 27.6831, 18.4044



47.2437, 76.8140, 40.7439



18.1599, 18.0473, 19.4592



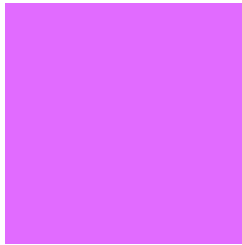
21.9111, 11.2537, 2.9165



2.1703, 1.1105, 0.4781

Previews

White Background



This preview shows how the XYZ color 54.3590, 33.7429, 98.2557 looks on a white background.

Color Contrast Check

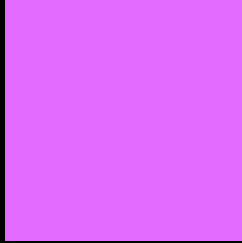
Large Text (above 18pt) WCAG AA × Fail

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 54.3590, 33.7429, 98.2557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

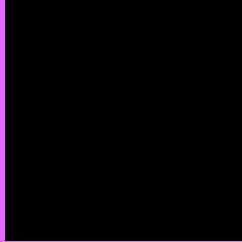
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.3590, 33.7429, 98.2557

Background



This preview shows how black text looks on a background with the XYZ color 54.3590, 33.7429, 98.2557.



This preview shows how white text looks on a background with the XYZ color 54.3590, 33.7429,

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

54.3590, 33.7429, 98.2557

Protanopia

36.8081, 34.0442, 99.2389

Deuteranopia

35.1219, 34.0828, 91.9163



Tritanopia

40.6490, 33.4165, 31.9114

Trichromacy



Original Color

54.3590, 33.7429, 98.2557



Protanomaly

40.7060, 32.1792, 98.6735



Deuteranomaly

39.2804, 31.9802, 93.7250

Tritanomaly

44.2209, 32.6595, 50.4276

Monochromacy



Original Color

54.3590, 33.7429, 98.2557



Achromatopsia

32.9542, 34.6704, 37.7561



Achromatomaly

38.6441, 32.7185, 55.3175

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3590, 33.7429, 98.2557 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(225, 107, 255)` looks like.

```
.text, #text, p{  
    color:rgb(225, 107, 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(225, 107, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 107, 255) }
```

Border

The CSS property to change the border of an element to XYZ 54.3590, 33.7429, 98.2557 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(225, 107, 255) }
```


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

```
.border{ border-color:rgb(225, 107, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 107, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 107, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 107, 255); box-shadow:4px 4px 4px 4px rgb(225, 107, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3590, 33.7429, 98.2557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 107, 255) }
```

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

```
.background{ background-color: rgb(225,  
107, 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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