

Converting Colors

XYZ(54.7801, 33.6540, 98.2164)

Have a look what the booklet for
XYZ(54.7801, 33.6540, 98.2164)
contains.

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Color

**XYZ(54.7801, 33.6540,
98.2164)**

Conversions

Conversions Part 1

Format	Color
Hex	E369FF
RGB	227, 105, 255
RGB Percent	89%, 41%, 100%
CMY	0.1098, 0.5882, 0.0000
CMYK	0.11, 0.59, 0.00, 0.00
HSL	289°, 100%, 71%
HSV	289°, 59%, 100%
XYZ	54.7801, 33.6540, 98.2164
YIQ	158.5780, 24.5620, 72.5140

Conversions

Conversions Part 2

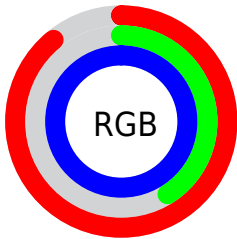
Format	Color
R_{YB}	227, 105, 255
Decimal	14903807
CIE _{Lab}	64.69, 68.31, -54.13
CIE _{LCh}	65, 87.157, 321.608
Yxy	33.6540, 0.2935, 0.1803
Android (android.graphics.Color)	4293093887 (0xFFE369FF)
YUV	158.5780, 47.5360, 60.0061
Hunter-Lab	58.0121, 67.0343, -59.7715

Details

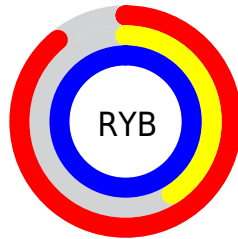
The XYZ color **54.7801, 33.6540, 98.2164** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **47.9833, 77.5268, 25.8011**, and the grayscale version is **32.5459, 34.2408, 37.2883**.

A 20% lighter version of the original color is **72.2103, 54.3207, 101.2868**, and **27.2799, 14.2788, 54.7444** is the 20% darker color. If you saturate the color by 10%, you get **51.0810, 28.4530, 97.4074**, and if you desaturate by 10%, it is **59.3014, 40.4359, 99.2871**.

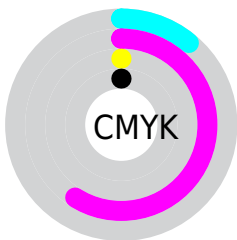
Distribution



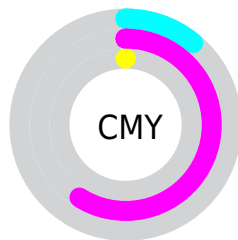
- Red (89%)
- Green (41%)
- Blue (100%)



- Red (89%)
- Yellow (41%)
- Blue (100%)



- Cyan (11%)
- Magenta (59%)
- Yellow (0%)
- Black (0%)





- Cyan (11%)
- Magenta (59%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.7801, 33.6540, 98.2164 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 54.7801, 33.6540, 98.2164 by changing the saturation by 10% instead.


 54.7801, 33.6540,
98.2164


 54.7801, 33.6540,
98.2164

395.2278,
318.5865, 575.6568

 39.4588, 22.6279,
74.2033

 96.3689, 65.3952,
160.7344


 27.2992, 14.3190,
54.4626


 123.3671, 86.8792,
200.0763

 17.9358, 8.3429,
38.5760


 154.9884,
112.6179, 245.3649

 11.0033, 4.3151,
26.1247

 191.5981,
142.9958, 297.0187

 6.1364, 1.8514,
16.6904

233.5615,
178.3971, 355.4562

 2.9696, 0.5189,
9.8544

281.2440,

 1.1377, 0.0000,

219.2065, 421.0961

5.1982

335.0110,
265.8081, 494.3567

■ 0.0563, 0.0000,
2.3032

■ 0.0000, 0.0000,
0.7330

■ 54.7801, 33.6540,
98.2164

■ 54.7801, 33.6540,
98.2164

■ 51.0810, 28.4530,
97.4074

■ 59.3014, 40.4359,
99.2871

■ 48.1283, 24.6846,
96.8357

■ 64.7048, 48.9209,
100.6401

■ 45.8376, 22.1794,
96.4729

■ 71.0485, 59.2238,
102.2944

■ 44.0846, 20.6898,
96.2777

■ 78.3845, 71.4483,
104.2673

■ 43.8946, 20.5434,
96.2595

■ 86.7610, 85.6902,
106.5748

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.



41.6853, 33.6540, 145.2148



54.7801, 33.6540, 98.2164



62.1634, 33.6540, 47.6423

Triad

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



54.7801, 33.6540, 98.2164



35.6268, 33.6540, 2.0139



14.4336, 33.6540, 68.3072

Complementary

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



54.7801, 33.6540, 98.2164



47.9833, 77.5268, 25.8011

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.



13.6072, 33.6540, 27.4829



54.7801, 33.6540, 98.2164



23.9234, 33.6540, 2.6670

Square

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



54.7801, 33.6540, 98.2164



49.3670, 33.6540, 4.8310



16.5984, 33.6540, 8.3548



19.2560, 33.6540, 121.4694

Rectangle

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



54.7801, 33.6540, 98.2164



61.7991, 33.6540, 24.4591



16.5984, 33.6540, 8.3548



13.7402, 33.6540, 52.3218

Sweetspot

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



54.7813, 33.6554, 98.2166



79.0329, 72.5411, 104.4441



32.5408, 27.5526, 98.2108



16.4315, 14.7115, 22.2235



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.



54.7813, 33.6554, 98.2166



50.3769, 27.5153, 97.2636



57.9251, 36.0174, 64.8728



18.4407, 18.1189, 22.7753



23.0552, 10.7959, 50.3033



2.3268, 1.0934, 4.9017

Inverse Universe

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



50.5259, 33.0577, 25.9090



46.3786, 27.2282, 16.9273



47.0916, 76.7257, 41.1832



18.1479, 18.0425, 19.3957



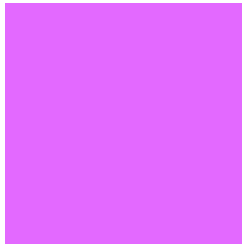
21.8626, 11.2343, 2.6612



2.1639, 1.1079, 0.4444

Previews

White Background



This preview shows how the XYZ color 54.7801, 33.6540, 98.2164 looks on a white background.

Color Contrast Check

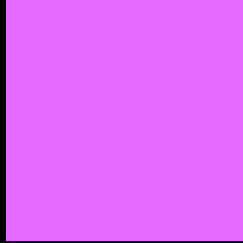
Large Text (above 18pt) WCAG AA × Fail

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 54.7801, 33.6540, 98.2164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

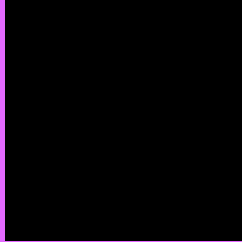
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.7801, 33.6540, 98.2164

Background



This preview shows how black text looks on a background with the XYZ color 54.7801, 33.6540, 98.2164.



This preview shows how white text looks on a background with the XYZ color 54.7801, 33.6540,

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

54.7801, 33.6540, 98.2164

Protanopia

36.8081, 34.0442, 99.2389

Deuteranopia

35.1219, 34.0828, 91.9163



Tritanopia

40.9262, 33.3693, 31.0719

Trichromacy



Original Color

54.7801, 33.6540, 98.2164



Protanomaly

40.5645, 31.8962, 98.6264



Deuteranomaly

39.3242, 31.7888, 93.6858

Tritanomaly

44.5799, 32.6698, 49.8552

Monochromacy



Original Color

54.7801, 33.6540, 98.2164



Achromatopsia

32.9542, 34.6704, 37.7561



Achromatomaly

38.7374, 32.5506, 55.2802

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7801, 33.6540, 98.2164 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(227, 105, 255)` looks like.

```
.text, #text, p{  
    color:rgb(227, 105, 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(227, 105, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 105, 255) }
```

Border

The CSS property to change the border of an element to XYZ 54.7801, 33.6540, 98.2164 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(227, 105, 255) }
```


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

```
.border{ border-color:rgb(227, 105, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 105, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 105, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 105, 255);  
box-shadow:4px 4px 4px 4px rgb(227, 105,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7801, 33.6540, 98.2164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 105, 255) }
```

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

```
.background{ background-color: rgb(227,  
105, 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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