

Converting Colors

XYZ(53.8586, 34.1185, 98.3546)

Have a look what the booklet for
XYZ(53.8586, 34.1185, 98.3546)
contains.

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Color

**XYZ(53.8586, 34.1185,
98.3546)**

Conversions

Conversions Part 1

Format	Color
Hex	DE6FFF
RGB	222, 111, 255
RGB Percent	87%, 44%, 100%
CMY	0.1294, 0.5647, 0.0000
CMYK	0.13, 0.56, 0.00, 0.00
HSL	286°, 100%, 72%
HSV	286°, 56%, 100%
XYZ	53.8586, 34.1185, 98.3546
YIQ	160.6050, 19.9320, 68.3160

Conversions

Conversions Part 2

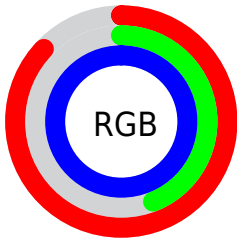
Format	Color
R _Y B	222, 111, 255
Decimal	14577663
CIE Lab	65.06, 64.37, -53.58
CIE LCh	65, 83.754, 320.227
Yxy	34.1185, 0.2890, 0.1831
Android (android.graphics.Color)	4292767743 (0xFFDE6FFF)
YUV	160.6050, 46.5367, 53.8434
Hunter-Lab	58.4110, 62.3687, -58.9469

Details

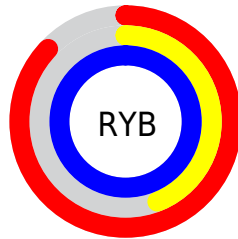
The XYZ color **53.8586, 34.1185, 98.3546** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **50.1316, 78.5974, 27.5690**, and the grayscale version is **33.4794, 35.2229, 38.3577**.

A 20% lighter version of the original color is **73.1087, 56.1174, 101.5862**, and **26.8221, 14.6081, 54.8320** is the 20% darker color. If you saturate the color by 10%, you get **49.7042, 28.4199, 97.4736**, and if you desaturate by 10%, it is **58.8714, 41.4396, 99.5035**.

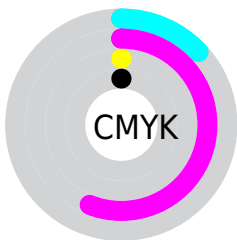
Distribution



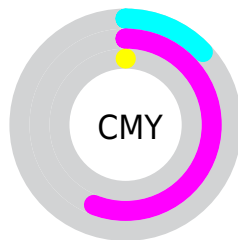
- Red (87%)
- Green (44%)
- Blue (100%)



- Red (87%)
- Yellow (44%)
- Blue (100%)



- Cyan (13%)
- Magenta (56%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (56%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.8586, 34.1185, 98.3546 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 53.8586, 34.1185, 98.3546 by changing the saturation by 10% instead.


 53.8586, 34.1185,
98.3546

 53.8586, 34.1185,
98.3546

391.7777,
320.6601, 576.1059


 38.7188, 22.9846,
74.3179

 95.0247, 66.1179,
160.9263

 26.7208, 14.5822,
54.5559


 121.7818, 87.7522,
200.2984

 17.4992, 8.5267,
38.6501


 153.1420,
113.6555, 245.6193

 10.6885, 4.4338,
26.1819

189.4707,
144.2122, 297.3076

 5.9235, 1.9190,
16.7328

231.1333,
179.8066, 355.7819

 2.8389, 0.5598,
9.8842

278.4951,

 1.0691, 0.0000,

220.8231, 421.4607

5.2177

331.9214,
267.6461, 494.7625

■ 0.0000, 0.0000,
2.3146

■ 0.0000, 0.0000,
0.7394

■ 53.8586, 34.1185,
98.3546

■ 53.8586, 34.1185,
98.3546

■ 49.7042, 28.4199,
97.4736

■ 58.8714, 41.4396,
99.5035

■ 46.3342, 24.2001,
96.8368

■ 64.8009, 50.5023,
100.9403

■ 43.6678, 21.2972,
96.4170

■ 71.7044, 61.4189,
102.6835

■ 41.6023, 19.5067,
96.1802

■ 79.6332, 74.2913,
104.7503

■ 40.9620, 19.0316,
96.1223

■ 88.6347, 89.2136,
107.1561

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.



41.1786, 34.1185, 141.6707



53.8586, 34.1185, 98.3546



61.2688, 34.1185, 49.6789

Triad

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



53.8586, 34.1185, 98.3546



36.5505, 34.1185, 2.5490



15.0987, 34.1185, 65.3572

Complementary

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



53.8586, 34.1185, 98.3546



50.1316, 78.5974, 27.5690

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.



14.4476, 34.1185, 26.9262



53.8586, 34.1185, 98.3546



25.0152, 34.1185, 3.1142

Square

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



53.8586, 34.1185, 98.3546



49.7535, 34.1185, 5.8296



17.6037, 34.1185, 8.7088



19.6799, 34.1185, 115.7602

Rectangle

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



53.8586, 34.1185, 98.3546



61.2198, 34.1185, 26.5075



17.6037, 34.1185, 8.7088



14.4663, 34.1185, 50.3148

Sweetspot

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



53.8598, 34.1199, 98.3548



79.1853, 73.5565, 104.6321



34.6711, 30.7298, 98.7118



16.5923, 15.1607, 22.3017



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.



53.8598, 34.1199, 98.3548



49.1390, 27.6814, 97.3609



59.3976, 37.6190, 69.5047



18.3617, 18.0782, 22.7716



21.5402, 10.0148, 50.2323



2.1917, 1.0238, 4.8954

Inverse Universe

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



51.9592, 34.6437, 30.3351



47.6991, 28.6232, 21.2083



47.7733, 77.0827, 40.9636



18.1799, 18.0553, 19.5643



22.0002, 11.2894, 3.3854



2.1816, 1.1150, 0.5377

Previews

White Background



This preview shows how the XYZ color 53.8586, 34.1185, 98.3546 looks on a white background.

Color Contrast Check

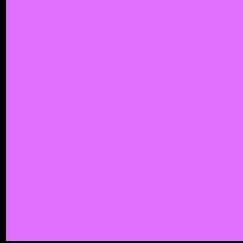
Large Text (above 18pt) WCAG AA × Fail

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 53.8586, 34.1185, 98.3546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

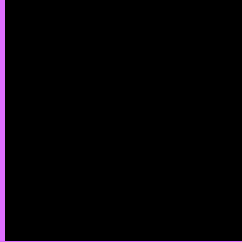
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.8586, 34.1185, 98.3546

Background



This preview shows how black text looks on a background with the XYZ color 53.8586, 34.1185, 98.3546.



This preview shows how white text looks on a background with the XYZ color 53.8586, 34.1185,

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

53.8586, 34.1185, 98.3546

Protanopia

37.2426, 34.5142, 99.3068

Deuteranopia

35.5435, 34.5523, 91.9847



Tritanopia

40.4698, 33.9326, 33.2708

Trichromacy



Original Color

53.8586, 34.1185, 98.3546



Protanomaly

40.9929, 32.7532, 98.7692



Deuteranomaly

39.5727, 32.5647, 93.8224

Tritanomaly

44.0787, 33.3284, 51.6868

Monochromacy



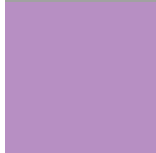
Original Color

53.8586, 34.1185, 98.3546



Achromatopsia

33.8758, 35.6400, 38.8120



Achromatomaly

39.2012, 33.6523, 56.0592

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8586, 34.1185, 98.3546 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(222, 111, 255)` looks like.

```
.text, #text, p{  
    color:rgb(222, 111, 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(222, 111, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 111, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.8586, 34.1185, 98.3546 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(222, 111, 255) }
```


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

```
.border{ border-color:rgb(222, 111, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 111, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 111, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 111, 255);  
box-shadow:4px 4px 4px 4px rgb(222, 111,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8586, 34.1185, 98.3546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 111, 255) }
```

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

```
.background{ background-color: rgb(222,  
111, 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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