

Converting Colors

XYZ(53.4748, 34.3862, 98.4265)

Have a look what the booklet for
XYZ(53.4748, 34.3862, 98.4265)
contains.

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Color

**XYZ(53.5825, 34.4703,
98.4371)**

Conversions

Conversions Part 1

Format	Color
Hex	DC72FF
RGB	220, 114, 255
RGB Percent	86%, 45%, 100%
CMY	0.1372, 0.5529, 0.0000
CMYK	0.14, 0.55, 0.00, 0.00
HSL	285°, 100%, 72%
HSV	285°, 55%, 100%
XYZ	53.5825, 34.4703, 98.4371
YIQ	161.7680, 17.9150, 66.3230

Conversions

Conversions Part 2

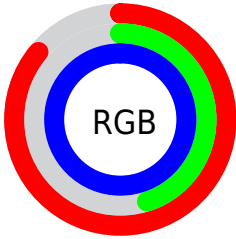
Format	Color
R _Y B	220, 114, 255
Decimal	14447359
CIE Lab	65.33, 62.47, -53.16
CIE LCh	65, 82.023, 319.604
Yxy	34.4703, 0.2873, 0.1848
Android (android.graphics.Color)	4292637439 (0xFFDC72FF)
YUV	161.7680, 45.9634, 51.0695
Hunter-Lab	58.7114, 60.1616, -58.3092

Details

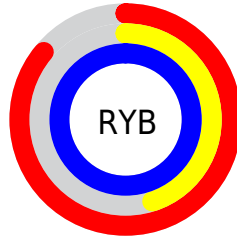
The XYZ color **53.5825, 34.4703, 98.4371** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **51.1924, 79.1248, 28.4955**, and the grayscale version is **34.0216, 35.7934, 38.9790**.

A 20% lighter version of the original color is **73.6647, 57.2295, 101.7716**, and **26.6064, 14.7847, 54.8775** is the 20% darker color. If you saturate the color by 10%, you get **49.2174, 28.5295, 97.5204**, and if you desaturate by 10%, it is **58.8241, 42.0542, 99.6246**.

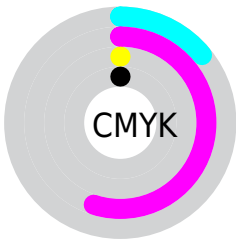
Distribution



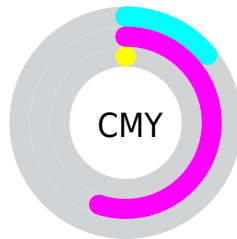
- Red (86%)
- Green (45%)
- Blue (100%)



- Red (86%)
- Yellow (45%)
- Blue (100%)



- Cyan (14%)
- Magenta (55%)
- Yellow (0%)
- Black (0%)





- Cyan (14%)
- Magenta (55%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.5825, 34.4703, 98.4371 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 53.5825, 34.4703, 98.4371 by changing the saturation by 10% instead.


 53.5825, 34.4703,
98.4371

 53.5825, 34.4703,
98.4371

390.7403,
322.2240, 576.3740

 38.4973, 23.2551,
74.3863

 94.6215, 66.6644,
161.0408

 26.5479, 14.7820,
54.6116


 121.3059, 88.4120,
200.4309

 17.3688, 8.6665,
38.6943


 152.5876,
114.4393, 245.7711

 10.5947, 4.5243,
26.2160

188.8317,
145.1307, 297.4801

 5.8603, 1.9710,
16.7581

230.4037,
180.8704, 355.9763

 2.8002, 0.5905,
9.9020

277.6689,

 1.0490, 0.0000,

222.0429, 421.6784

5.2293

330.9926,
269.0327, 495.0047

■ 0.0000, 0.0000,
2.3213

■ 0.0000, 0.0000,
0.7431

■ 53.5825, 34.4703,
98.4371

■ 53.5825, 34.4703,
98.4371

■ 49.2174, 28.5295,
97.5204

■ 58.8241, 42.0542,
99.6246

■ 45.6558, 24.0904,
96.8513

■ 64.9998, 51.3987,
101.1028

■ 42.8184, 20.9941,
96.4032

■ 72.1665, 62.6151,
102.8901

■ 40.6056, 19.0431,
96.1433

■ 80.3752, 75.8044,
105.0032

■ 39.7133, 18.3879,
96.0638

■ 89.6732, 91.0601,
107.4578

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.



41.1001, 34.4703, 140.0389



53.5825, 34.4703, 98.4371



60.9861, 34.4703, 50.7154

Triad

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



53.5825, 34.4703, 98.4371



37.0904, 34.4703, 2.8748



15.5236, 34.4703, 64.2493

Complementary

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



53.5825, 34.4703, 98.4371



51.1924, 79.1248, 28.4955

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.



14.9501, 34.4703, 26.8580



53.5825, 34.4703, 98.4371



25.6372, 34.4703, 3.3972

Square

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



53.5825, 34.4703, 98.4371



50.0400, 34.4703, 6.4003



18.1847, 34.4703, 8.9856



20.0053, 34.4703, 113.3506

Rectangle

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



53.5825, 34.4703, 98.4371



61.0697, 34.4703, 27.5819



18.1847, 34.4703, 8.9856



14.9174, 34.4703, 49.6271

Sweetspot

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



53.5837, 34.4717, 98.4373



78.8975, 73.4082, 104.6186



35.7777, 32.3729, 98.9707



16.5239, 15.1254, 22.2985



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.



53.5837, 34.4717, 98.4373



48.9397, 28.1677, 97.4652



60.1432, 38.4498, 71.7892



18.3264, 18.0600, 22.7700



20.8944, 9.6819, 50.2021



2.1337, 0.9939, 4.8927

Inverse Universe

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



52.6829, 35.4657, 32.5037



48.5516, 29.5990, 23.7407



48.1451, 77.2758, 40.9182



18.1943, 18.0610, 19.6402



22.0715, 11.3179, 3.7608



2.1903, 1.1185, 0.5838

Previews

White Background



This preview shows how the XYZ color 53.5825, 34.4703, 98.4371 looks on a white background.

Color Contrast Check

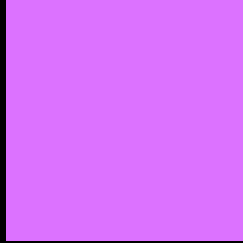
Large Text (above 18pt) WCAG AA × Fail

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 53.5825, 34.4703, 98.4371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

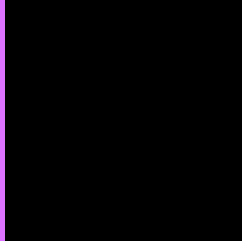
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.5825, 34.4703, 98.4371

Background



This preview shows how black text looks on a background with the XYZ color 53.5825, 34.4703, 98.4371.



This preview shows how white text looks on a background with the XYZ color 53.5825, 34.4703,

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

53.5825, 34.4703, 98.4371

Protanopia

37.5462, 34.9189, 99.3689

Deuteranopia

35.9967, 35.0224, 92.8585



Tritanopia

40.3692, 34.2959, 34.1978

Trichromacy



Original Color

53.5825, 34.4703, 98.4371



Protanomaly

41.2852, 33.3377, 98.8666



Deuteranomaly

40.0267, 33.2224, 94.7454

Tritanomaly

43.8799, 33.6084, 52.3184

Monochromacy



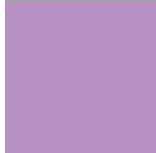
Original Color

53.5825, 34.4703, 98.4371



Achromatopsia

34.3422, 36.1307, 39.3463



Achromatomaly

39.6176, 34.3036, 56.7577

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5825, 34.4703, 98.4371 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(220, 114, 255)` looks like.

```
.text, #text, p{  
    color:rgb(220, 114, 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(220, 114, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 114, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.5825, 34.4703, 98.4371 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(220, 114, 255) }
```


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

```
.border{ border-color:rgb(220, 114, 255) }
```

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

Here you see how a box with a 4 pixel rgb(220, 114, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 114, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 114, 255);  
box-shadow:4px 4px 4px 4px rgb(220, 114,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5825, 34.4703, 98.4371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 114, 255) }
```

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

```
.background{ background-color: rgb(220,  
114, 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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