

Converting Colors

XYZ(53.0520, 35.2670,
105.3360)

Have a look what the booklet for
XYZ(53.0520, 35.2670, 105.3360)
contains.

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Color

**XYZ(51.7513, 34.7436,
98.5863)**

Conversions

Conversions Part 1

Format	Color
Hex	D379FF
RGB	211, 121, 255
RGB Percent	83%, 47%, 100%
CMY	0.1725, 0.5255, 0.0000
CMYK	0.17, 0.53, 0.00, 0.00
HSL	280°, 100%, 74%
HSV	280°, 53%, 100%
XYZ	51.7513, 34.7436, 98.5863
YIQ	163.1860, 10.6260, 60.7540

Conversions

Conversions Part 2

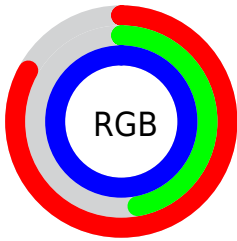
Format	Color
R _Y B	211, 121, 255
Decimal	13859327
CIE Lab	65.55, 56.78, -52.88
CIE LCh	66, 77.596, 317.036
Yxy	34.7436, 0.2796, 0.1877
Android (android.graphics.Color)	4292049407 (0xFFD379FF)
YUV	163.1860, 45.2643, 41.9329
Hunter-Lab	58.9437, 53.5677, -57.9049

Details

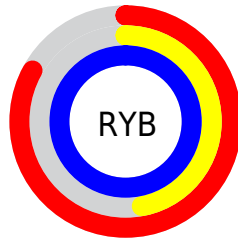
The XYZ color **51.7513, 34.7436, 98.5863** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **54.7288, 80.9001, 30.8212**, and the grayscale version is **34.6912, 36.4978, 39.7461**.

A 20% lighter version of the original color is **74.8153, 59.5307, 102.1551**, and **25.5266, 14.9616, 54.9685** is the 20% darker color. If you saturate the color by 10%, you get **46.7156, 28.1401, 97.5771**, and if you desaturate by 10%, it is **57.7332, 43.0519, 99.8747**.

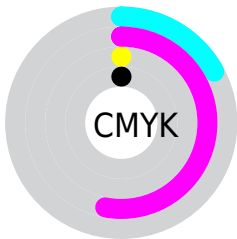
Distribution



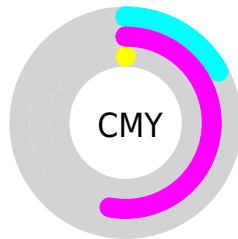
- Red (83%)
- Green (47%)
- Blue (100%)



- Red (83%)
- Yellow (47%)
- Blue (100%)



- Cyan (17%)
- Magenta (53%)
- Yellow (0%)
- Black (0%)





- Cyan (17%)
- Magenta (53%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.7513, 34.7436, 98.5863 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 51.7513, 34.7436, 98.5863 by changing the saturation by 10% instead.


 51.7513, 34.7436,
98.5863

 51.7513, 34.7436,
98.5863

383.8155,
323.4351, 576.8586

 37.0303, 23.4654,
74.5101


 91.9408, 67.0884,
161.2480

 25.4048, 14.9376,
54.7124

 118.1400, 88.9238,
200.6706

 16.5092, 8.7756,
38.7744

 148.8960,
115.0470, 246.0457

 9.9783, 4.5951,
26.2778

184.5742,
145.8426, 297.7919

 5.4467, 2.0117,
16.8040

225.5398,
181.6947, 356.3278

 2.5491, 0.6143,
9.9343

272.1584,

 0.9201, 0.0000,

222.9880, 422.0718

5.2504

324.7951,
270.1066, 495.4426

■ 0.0000, 0.0000,
2.3336

■ 0.0000, 0.0000,
0.7500

■ 51.7513, 34.7436,
98.5863

■ 51.7513, 34.7436,
98.5863

■ 46.7156, 28.1401,
97.5771

■ 57.7332, 43.0519,
99.8747

■ 42.5545, 23.1041,
96.8244

■ 64.7184, 53.1794,
101.4614

■ 39.1910, 19.4837,
96.3029

■ 72.7632, 65.2354,
103.3644

■ 36.5310, 17.0931,
95.9816

■ 81.9187, 79.3191,
105.6003

■ 34.9036, 15.9084,
95.8387

■ 92.2322, 95.5229,
108.1843

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.



39.8533, 34.7436, 134.8732



51.7513, 34.7436, 98.5863



59.2489, 34.7436, 53.6925

Triad

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



51.7513, 34.7436, 98.5863



38.1760, 34.7436, 3.7348



16.2155, 34.7436, 59.3067

Complementary

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



51.7513, 34.7436, 98.5863



54.7288, 80.9001, 30.8212

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.



15.9665, 34.7436, 25.4466



51.7513, 34.7436, 98.5863



27.0209, 34.7436, 3.9863

Square

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



51.7513, 34.7436, 98.5863



50.2829, 34.7436, 8.0145



19.4649, 34.7436, 9.1857



20.2477, 34.7436, 104.6667

Rectangle

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



51.7513, 34.7436, 98.5863



59.8307, 34.7436, 30.6647



19.4649, 34.7436, 9.1857



15.7257, 34.7436, 46.0324

Sweetspot

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



51.7525, 34.7450, 98.5865



78.6292, 74.2216, 104.7897



39.5119, 38.4376, 99.9444



16.4240, 15.2613, 22.3300



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.



51.7525, 34.7450, 98.5865



46.5089, 27.8793, 97.5377



62.7384, 40.7999, 81.4104



18.1790, 17.9840, 22.7631



18.4019, 8.3970, 50.0855



1.9069, 0.8770, 4.8820

Inverse Universe

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



54.8695, 37.6524, 39.9738



50.5482, 31.4375, 31.0485



48.6292, 77.5786, 38.5317



18.2553, 18.0854, 19.9614



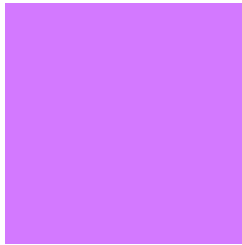
22.4403, 11.4654, 5.7032



2.2329, 1.1355, 0.8077

Previews

White Background



This preview shows how the XYZ color 51.7513, 34.7436, 98.5863 looks on a white background.

Color Contrast Check

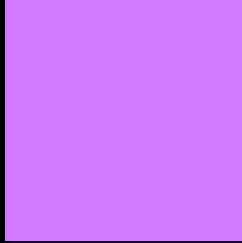
Large Text (above 18pt) WCAG AA × Fail

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 51.7513, 34.7436, 98.5863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

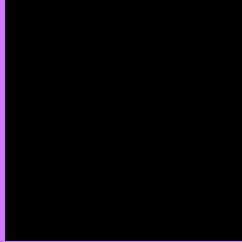
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.7513, 34.7436, 98.5863

Background



This preview shows how black text looks on a background with the XYZ color 51.7513, 34.7436, 98.5863.



This preview shows how white text looks on a background with the XYZ color 51.7513, 34.7436,

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

51.7513, 34.7436, 98.5863

Protanopia

37.6842, 34.9900, 99.3753

Deuteranopia

36.1515, 35.0843, 93.6735



Tritanopia

39.1296, 34.7279, 36.5391

Trichromacy



Original Color

51.7513, 34.7436, 98.5863



Protanomaly

41.0093, 33.6372, 98.9389



Deuteranomaly

39.9324, 33.6054, 95.6486

Tritanomaly

42.6587, 34.1591, 54.7971

Monochromacy



Original Color

51.7513, 34.7436, 98.5863



Achromatopsia

34.8123, 36.6253, 39.8849



Achromatomaly

39.3761, 34.8686, 56.8795

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.7513, 34.7436, 98.5863 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(211, 121, 255)` looks like.

```
.text, #text, p{  
    color:rgb(211, 121, 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(211, 121, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 121, 255) }
```

Border

The CSS property to change the border of an element to XYZ 51.7513, 34.7436, 98.5863 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(211, 121, 255) }
```


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

```
.border{ border-color:rgb(211, 121, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 121, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 121, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 121, 255);  
box-shadow:4px 4px 4px 4px rgb(211, 121,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 51.7513, 34.7436, 98.5863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 121, 255) }
```

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

```
.background{ background-color: rgb(211,  
121, 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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