

Converting Colors

XYZ(53.0085, 34.6861, 98.5090)

Have a look what the booklet for
XYZ(53.0085, 34.6861, 98.5090)
contains.

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Color

**XYZ(53.0266, 34.6943,
98.5096)**

Conversions

Conversions Part 1

Format	Color
Hex	D975FF
RGB	217, 117, 255
RGB Percent	85%, 46%, 100%
CMY	0.1490, 0.5412, 0.0000
CMYK	0.15, 0.54, 0.00, 0.00
HSL	283°, 100%, 73%
HSV	283°, 54%, 100%
XYZ	53.0266, 34.6943, 98.5096
YIQ	162.6320, 15.3020, 64.1180

Conversions

Conversions Part 2

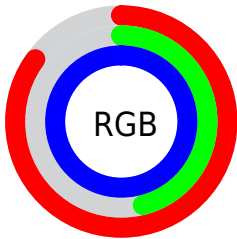
Format	Color
RYB	217, 117, 255
Decimal	14251519
CIELab	65.51, 60.28, -52.90
CIELCh	66, 80.198, 318.728
Yxy	34.6943, 0.2847, 0.1863
Android (android.graphics.Color)	4292441599 (0xFFD975FF)
YUV	162.6320, 45.5374, 47.6807
Hunter-Lab	58.9019, 57.6169, -57.9274

Details

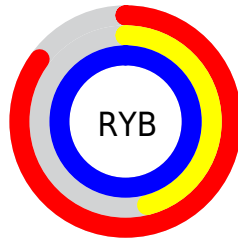
The XYZ color **53.0266, 34.6943, 98.5096** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **52.4890, 79.7732, 29.4623**, and the grayscale version is **34.4281, 36.2210, 39.4447**.

A 20% lighter version of the original color is **74.0425, 57.9850, 101.8975**, and **26.2137, 14.8934, 54.9192** is the 20% darker color. If you saturate the color by 10%, you get **48.4073, 28.4876, 97.5550**, and if you desaturate by 10%, it is **58.5461, 42.5676, 99.7384**.

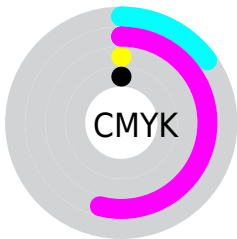
Distribution



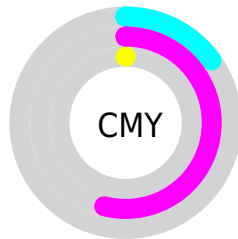
- Red (85%)
- Green (46%)
- Blue (100%)



- Red (85%)
- Yellow (46%)
- Blue (100%)



- Cyan (15%)
- Magenta (54%)
- Yellow (0%)
- Black (0%)





- Cyan (15%)
- Magenta (54%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.0266, 34.6943, 98.5096 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 53.0266, 34.6943, 98.5096 by changing the saturation by 10% instead.

 53.0266, 34.6943,
98.5096

 53.0266, 34.6943,
98.5096


388.6464,
323.2169, 576.6095


 38.0516, 23.4275,
74.4465


 93.8088, 67.0119,
161.1415

 26.2001, 14.9095,
54.6606


 120.3467, 88.8315,
200.5474

 17.1069, 8.7559,
38.7333


 151.4696,
114.9375, 245.9046

 10.4065, 4.5823,
26.2460

187.5428,
145.7142, 297.6316

 5.7336, 2.0043,
16.7804

228.9317,
181.5462, 356.1471

 2.7229, 0.6100,
9.9177

276.0017,

 1.0090, 0.0000,

222.8177, 421.8696

5.2396

329.1182,
269.9131, 495.2175

■ 0.0000, 0.0000,
2.3273

■ 0.0000, 0.0000,
0.7465

■ 53.0266, 34.6943,
98.5096

■ 53.0266, 34.6943,
98.5096

■ 48.4073, 28.4876,
97.5550

■ 58.5461, 42.5676,
99.7384

■ 44.6161, 23.8078,
96.8516

■ 65.0231, 52.2234,
101.2608

■ 41.5748, 20.4993,
96.3733

■ 72.5140, 63.7720,
103.0951

■ 39.1865, 18.3699,
96.0881

■ 81.0697, 77.3137,
105.2579

■ 38.0058, 17.5076,
95.9839

■ 90.7374, 92.9413,
107.7648

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.



40.7710, 34.6943, 138.0897



53.0266, 34.6943, 98.5096



60.4499, 34.6943, 51.8795

Triad

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



53.0266, 34.6943, 98.5096



37.5896, 34.6943, 3.2254



15.8798, 34.6943, 62.5788

Complementary

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



53.0266, 34.6943, 98.5096



52.4890, 79.7732, 29.4623

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.



15.4174, 34.6943, 26.4929



53.0266, 34.6943, 98.5096



26.2437, 34.6943, 3.6662

Square

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



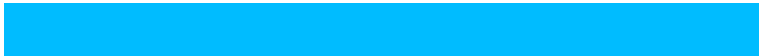
53.0266, 34.6943, 98.5096



50.2270, 34.6943, 7.0362



18.7488, 34.6943, 9.1596



20.2105, 34.6943, 110.2126

Rectangle

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



53.0266, 34.6943, 98.5096



60.7110, 34.6943, 28.7874



18.7488, 34.6943, 9.1596



15.3128, 34.6943, 48.4648

Sweetspot

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



53.0278, 34.6957, 98.5098



79.3742, 74.6056, 104.8246



37.2925, 34.8138, 99.3619



16.6024, 15.3533, 22.3384



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.



53.0278, 34.6957, 98.5098



48.0398, 28.0144, 97.4831



61.2062, 39.4253, 75.6903



18.2763, 18.0342, 22.7676



20.0105, 9.2262, 50.1608



2.0539, 0.9527, 4.8889

Inverse Universe

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



53.5183, 36.3502, 35.2067



49.1986, 30.1926, 26.1156



48.3556, 77.4058, 39.9562



18.2149, 18.0693, 19.7486



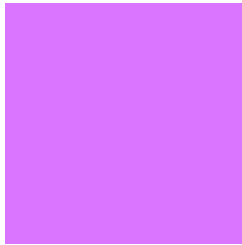
22.1836, 11.3627, 4.3515



2.2037, 1.1239, 0.6541

Previews

White Background



This preview shows how the XYZ color 53.0266, 34.6943, 98.5096 looks on a white background.

Color Contrast Check

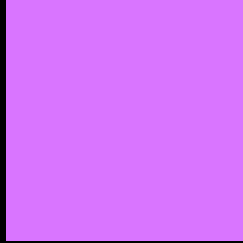
Large Text (above 18pt) WCAG AA × Fail

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 53.0266, 34.6943, 98.5096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

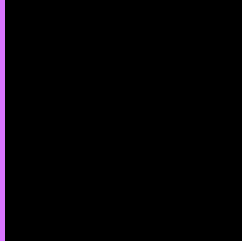
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.0266, 34.6943, 98.5096

Background



This preview shows how black text looks on a background with the XYZ color 53.0266, 34.6943, 98.5096.



This preview shows how white text looks on a background with the XYZ color 53.0266, 34.6943,

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

53.0266, 34.6943, 98.5096

Protanopia

37.6842, 34.9900, 99.3753

Deuteranopia

36.1261, 35.0891, 92.8645



Tritanopia

40.0123, 34.5346, 35.1288

Trichromacy



Original Color

53.0266, 34.6943, 98.5096



Protanomaly

41.2406, 33.5346, 98.9069



Deuteranomaly

39.9911, 33.4280, 94.7870

Tritanomaly

43.6612, 34.0772, 53.5666

Monochromacy



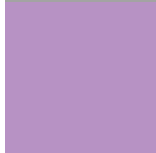
Original Color

53.0266, 34.6943, 98.5096



Achromatopsia

34.8123, 36.6253, 39.8849



Achromatomaly

39.7711, 34.6106, 56.8089

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0266, 34.6943, 98.5096 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(217, 117, 255)` looks like.

```
.text, #text, p{  
    color:rgb(217, 117, 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(217, 117, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 117, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.0266, 34.6943, 98.5096 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(217, 117, 255) }
```


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

```
.border{ border-color:rgb(217, 117, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 117, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 117, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 117, 255);  
box-shadow:4px 4px 4px 4px rgb(217, 117,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0266, 34.6943, 98.5096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 117, 255) }
```

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

```
.background{ background-color: rgb(217,  
117, 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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