

Converting Colors

XYZ(53.7298, 35.1088, 98.5525)

Have a look what the booklet for
XYZ(53.7298, 35.1088, 98.5525)
contains.

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Color

**XYZ(53.6247, 35.0026,
98.5376)**

Conversions

Conversions Part 1

Format	Color
Hex	DB75FF
RGB	219, 117, 255
RGB Percent	86%, 46%, 100%
CMY	0.1412, 0.5412, 0.0000
CMYK	0.14, 0.54, 0.00, 0.00
HSL	284°, 100%, 73%
HSV	284°, 54%, 100%
XYZ	53.6247, 35.0026, 98.5376
YIQ	163.2300, 16.4940, 64.5420

Conversions

Conversions Part 2

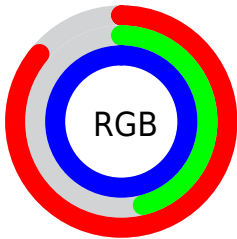
Format	Color
R _Y B	219, 117, 255
Decimal	14382591
CIE Lab	65.75, 60.78, -52.50
CIE LCh	66, 80.318, 319.178
Yxy	35.0026, 0.2865, 0.1870
Android (android.graphics.Color)	4292572671 (0xFFDB75FF)
YUV	163.2300, 45.2426, 48.9103
Hunter-Lab	59.1630, 58.2552, -57.3350

Details

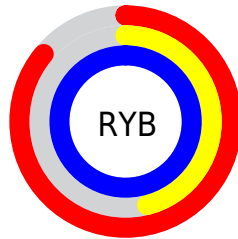
The XYZ color **53.6247, 35.0026, 98.5376** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **52.1083, 79.5769, 29.4444**, and the grayscale version is **34.7101, 36.5177, 39.7678**.

A 20% lighter version of the original color is **74.2336, 58.3671, 101.9612**, and **26.6136, 15.0995, 54.9379** is the 20% darker color. If you saturate the color by 10%, you get **49.0869, 28.8379, 97.5868**, and if you desaturate by 10%, it is **59.0539, 42.8293, 99.7621**.

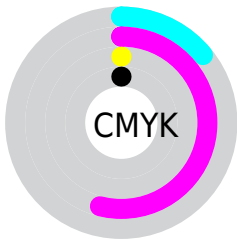
Distribution



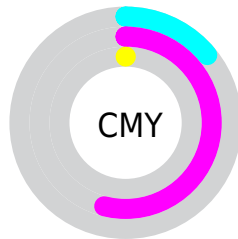
- Red (86%)
- Green (46%)
- Blue (100%)



- Red (86%)
- Yellow (46%)
- Blue (100%)



- Cyan (14%)
- Magenta (54%)
- Yellow (0%)
- Black (0%)





- Cyan (14%)
- Magenta (54%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.6247, 35.0026, 98.5376 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 53.6247, 35.0026, 98.5376 by changing the saturation by 10% instead.


 53.6247, 35.0026,
98.5376

 53.6247, 35.0026,
98.5376

390.8990,
324.5798, 576.7004


 38.5312, 23.6649,
74.4697


 94.6831, 67.4898,
161.1804

 26.5743, 15.0852,
54.6795


 121.3787, 89.4081,
200.5923

 17.3887, 8.8792,
38.7483


 152.6723,
115.6220, 245.9561

 10.6090, 4.6625,
26.2576

188.9294,
146.5159, 297.6901

 5.8699, 2.0506,
16.7890

230.5153,
182.4742, 356.2131

 2.8061, 0.6366,
9.9238

277.7952,

 1.0520, 0.0000,

223.8814, 421.9434

5.2435

331.1347,
271.1218, 495.2997

■ 0.0000, 0.0000,
2.3296

■ 0.0000, 0.0000,
0.7477

■ 53.6247, 35.0026,
98.5376

■ 53.6247, 35.0026,
98.5376

■ 49.0869, 28.8379,
97.5868

■ 59.0539, 42.8293,
99.7621

■ 45.3685, 24.1956,
96.8868

■ 65.4316, 52.4339,
101.2799

■ 42.3915, 20.9203,
96.4115

■ 72.8141, 63.9267,
103.1091

■ 40.0592, 18.8198,
96.1290

■ 81.2520, 77.4076,
105.2665

■ 38.9077, 17.9725,
96.0261

■ 90.7925, 92.9696,
107.7674

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.



41.3159, 35.0026, 138.7097



53.6247, 35.0026, 98.5376



60.9896, 35.0026, 51.6998

Triad

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



53.6247, 35.0026, 98.5376



37.7255, 35.0026, 3.2531



16.0759, 35.0026, 63.7718

Complementary

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



53.6247, 35.0026, 98.5376



52.1083, 79.5769, 29.4444

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.



15.5534, 35.0026, 27.1414



53.6247, 35.0026, 98.5376



26.3411, 35.0026, 3.7531

Square

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



53.6247, 35.0026, 98.5376



50.4662, 35.0026, 7.0128



18.8521, 35.0026, 9.4165



20.5033, 35.0026, 111.7330

Rectangle

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



53.6247, 35.0026, 98.5376



61.1595, 35.0026, 28.6355



18.8521, 35.0026, 9.4165



15.4852, 35.0026, 49.4775

Sweetspot

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



53.6259, 35.0040, 98.5378



79.5794, 74.7114, 104.8342



36.9098, 34.0485, 99.2344



16.6516, 15.3787, 22.3407



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.



53.6259, 35.0040, 98.5378



48.7262, 28.3682, 97.5152



60.8942, 39.3005, 74.0477



18.3031, 18.0480, 22.7689



20.4774, 9.4670, 50.1826



2.0962, 0.9745, 4.8909

Inverse Universe

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



53.3517, 36.2835, 34.3292



49.0315, 30.1258, 25.2357



48.5377, 77.4786, 40.9156



18.2039, 18.0649, 19.6906



22.1221, 11.3381, 4.0276



2.1964, 1.1209, 0.6159

Previews

White Background



This preview shows how the XYZ color 53.6247, 35.0026, 98.5376 looks on a white background.

Color Contrast Check

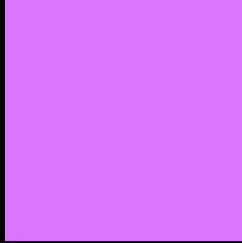
Large Text (above 18pt) WCAG AA × Fail

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 53.6247, 35.0026, 98.5376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

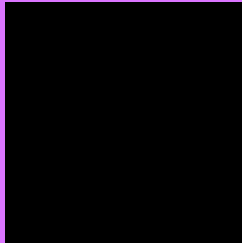
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.6247, 35.0026, 98.5376

Background



This preview shows how black text looks on a background with the XYZ color 53.6247, 35.0026, 98.5376.



This preview shows how white text looks on a background with the XYZ color 53.6247, 35.0026,

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

53.6247, 35.0026, 98.5376

Protanopia

37.9921, 35.3989, 99.4380

Deuteranopia

36.5618, 35.5700, 92.9344



Tritanopia

40.5570, 34.8154, 35.1543

Trichromacy



Original Color

53.6247, 35.0026, 98.5376



Protanomaly

41.6276, 33.7341, 98.9251



Deuteranomaly

40.3654, 33.6209, 94.8045

Tritanomaly

44.2236, 34.3671, 53.5929

Monochromacy



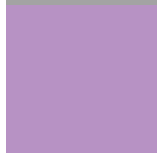
Original Color

53.6247, 35.0026, 98.5376



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 53.6247, 35.0026, 98.5376 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(219, 117, 255)` looks like.

```
.text, #text, p{  
    color:rgb(219, 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(219, 117, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 117, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.6247, 35.0026, 98.5376 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(219, 117, 255) }
```


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

```
.border{ border-color:rgb(219, 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(219, 117, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 117, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 117, 255);  
box-shadow:4px 4px 4px 4px rgb(219, 117,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6247, 35.0026, 98.5376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 117, 255) }
```

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

```
.background{ background-color: rgb(219,  
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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