

Converting Colors

XYZ(53.5299, 34.1302, 90.1527)

Have a look what the booklet for
XYZ(53.5299, 34.1302, 90.1527)
contains.

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Color

**XYZ(53.5299, 34.1302,
90.1527)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E26FF5 |
| RGB | 226, 111, 245 |
| RGB Percent | 89%, 44%, 96% |
| CMY | 0.1137, 0.5647, 0.0392 |
| CMYK | 0.08, 0.55, 0.00, 0.04 |
| HSL | 291°, 87%, 70% |
| HSV | 291°, 55%, 96% |
| XYZ | 53.5299, 34.1302, 90.1527 |
| YIQ | 160.6610, 25.5260, 66.0540 |

Conversions

Conversions Part 2

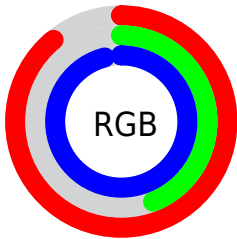
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 226, 111, 245 |
| Decimal | 14839797 |
| CIE _{Lab} | 65.07, 63.49, -48.03 |
| CIE _{LCh} | 65, 79.613, 322.890 |
| Yxy | 34.1302, 0.3010, 0.1919 |
| Android (android.graphics.Color) | 4293029877 (0xFFE26FF5) |
| YUV | 160.6610, 41.5791, 57.3023 |
| Hunter-Lab | 58.4211, 61.3187, -50.5989 |

Details

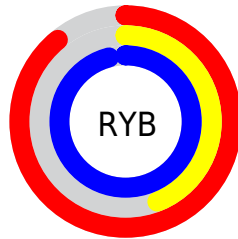
The XYZ color **53.5299, 34.1302, 90.1527** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **44.7287, 71.1992, 26.4258**, and the grayscale version is **33.5256, 35.2715, 38.4107**.

A 20% lighter version of the original color is **73.1087, 56.1174, 101.5862**, and **26.5447, 14.5940, 48.9948** is the 20% darker color. If you saturate the color by 10%, you get **50.1360, 28.9423, 89.3307**, and if you desaturate by 10%, it is **57.6813, 40.7983, 91.2215**.

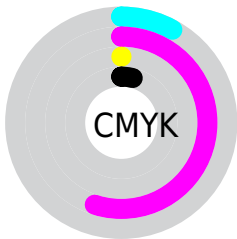
Distribution



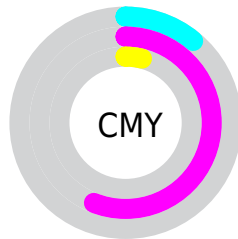
- Red (89%)
- Green (44%)
- Blue (96%)



- Red (89%)
- Yellow (44%)
- Blue (96%)



- Cyan (8%)
- Magenta (55%)
- Yellow (0%)
- Black (4%)





- Cyan (11%)
- Magenta (56%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.5299, 34.1302, 90.1527 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 53.5299, 34.1302, 90.1527 by changing the saturation by 10% instead.


 53.5299, 34.1302,
90.1527


 53.5299, 34.1302,
90.1527

390.5425,
320.7122, 549.1104


 38.4551, 22.9936,
67.5329

 94.5446, 66.1361,
149.4879

 26.5149, 14.5888,
49.0535


 121.2152, 87.7742,
187.0403

 17.3440, 8.5313,
34.2960


 152.4819,
113.6816, 230.4073

 10.5768, 4.4368,
22.8419

188.7099,
144.2428, 280.0074

 5.8482, 1.9208,
14.2726

230.2646,
179.8420, 336.2593

 2.7928, 0.5608,
8.1696

277.5113,

 1.0452, 0.0000,

220.8637, 399.5814

4.1143

330.8155,
267.6923, 470.3922

■ 0.0000, 0.0000,
1.6883

■ 0.0000, 0.0000,
0.3527

■ 53.5299, 34.1302,
90.1527

■ 53.5299, 34.1302,
90.1527

■ 50.1360, 28.9423,
89.3307

■ 57.6813, 40.7983,
91.2215

■ 47.4342, 25.1069,
88.7328

■ 62.6410, 49.0512,
92.5530

■ 45.3541, 22.4825,
88.3359

■ 68.4600, 58.9893,
94.1646

■ 43.8077, 20.8935,
88.1107

■ 75.1836, 70.7034,
96.0713

43.1348, 20.3329,
88.0379

82.8540, 84.2778,
98.2871

90.5445, 97.8585,
100.5031

91.7801, 98.4955,
100.5610

93.0386, 99.1443,
100.6199

93.4815, 99.3726,
100.6406

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



41.8511, 34.1302, 131.7333



53.5299, 34.1302, 90.1527



59.7921, 34.1302, 45.5897

Triad

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



53.5299, 34.1302, 90.1527



35.2625, 34.1302, 3.0542



16.0001, 34.1302, 67.7382

Complementary

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



53.5299, 34.1302, 90.1527



44.7287, 71.1992, 26.4258

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.



15.0366, 34.1302, 29.8427



53.5299, 34.1302, 90.1527



24.5570, 34.1302, 3.9890

Square

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



53.5299, 34.1302, 90.1527



47.7415, 34.1302, 6.0408



17.7754, 34.1302, 10.5066



20.8162, 34.1302, 114.2907

Rectangle

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



53.5299, 34.1302, 90.1527



59.2104, 34.1302, 24.7199



17.7754, 34.1302, 10.5066



15.2703, 34.1302, 53.2039

Sweetspot

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



53.5312, 34.1317, 90.1534



81.2909, 75.5937, 104.9143



31.1681, 26.2331, 89.8075



17.0627, 15.5906, 22.3599



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.



53.5312, 34.1317, 90.1534



54.4333, 30.9997, 97.7223



53.5463, 34.8645, 57.3953



16.9691, 16.6422, 20.8605



23.3274, 11.0001, 47.4318



2.1123, 0.9988, 4.1717

Inverse Universe

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



47.3710, 32.3944, 24.8765



47.4692, 29.1660, 18.0407



45.3721, 71.1504, 43.6463



16.5948, 16.5208, 17.6129



20.4770, 10.5343, 1.9546



1.8285, 0.9374, 0.3234

Previews

White Background



This preview shows how the XYZ color 53.5299, 34.1302, 90.1527 looks on a white background.

Color Contrast Check

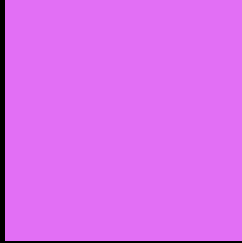
Large Text (above 18pt) WCAG AA × Fail

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 53.5299, 34.1302, 90.1527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

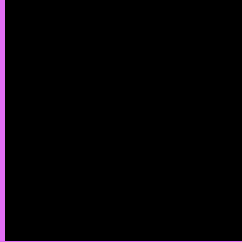
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.5299, 34.1302, 90.1527

Background



This preview shows how black text looks on a background with the XYZ color 53.5299, 34.1302, 90.1527.

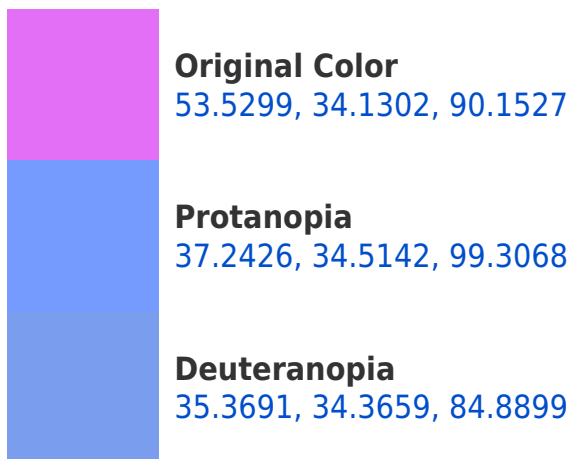


This preview shows how white text looks on a background with the XYZ color 53.5299, 34.1302,

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





Tritanopia

41.5112, 33.8610, 31.9517

Trichromacy



Original Color

53.5299, 34.1302, 90.1527



Protanomaly

40.5498, 32.5984, 95.4217



Deuteranomaly

39.6035, 32.5210, 86.6279



Tritanomaly

45.0501, 33.5031, 48.8921

Monochromacy



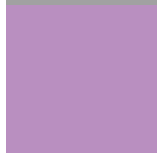
Original Color

53.5299, 34.1302, 90.1527



Achromatopsia

33.8758, 35.6400, 38.8120



Achromatomaly

39.3445, 33.7650, 54.3128

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5299, 34.1302, 90.1527 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(226, 111, 245)` looks like.

```
.text, #text, p{  
    color:rgb(226, 111, 245)  
}
```

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(226, 111, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 111, 245) }
```

Border

The CSS property to change the border of an element to XYZ 53.5299, 34.1302, 90.1527 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(226, 111, 245) }
```


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

```
.border{ border-color:rgb(226, 111, 245) }
```

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

Here you see how a box with a 4 pixel rgb(226, 111, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 111, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 111, 245);  
box-shadow:4px 4px 4px 4px rgb(226, 111,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5299, 34.1302, 90.1527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 111, 245) }
```

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

```
.background{ background-color: rgb(226,  
111, 245) }
```

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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