

Converting Colors

XYZ(53.5434, 34.1645, 90.7662)

Have a look what the booklet for
XYZ(53.5434, 34.1645, 90.7662)
contains.

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Color

**XYZ(53.6830, 34.1915,
90.9590)**

Conversions

Conversions Part 1

Format	Color
Hex	E26FF6
RGB	226, 111, 246
RGB Percent	89%, 44%, 96%
CMY	0.1137, 0.5647, 0.0353
CMYK	0.08, 0.55, 0.00, 0.04
HSL	291°, 88%, 70%
HSV	291°, 55%, 96%
XYZ	53.6830, 34.1915, 90.9590
YIQ	160.7750, 25.2050, 66.3650

Conversions

Conversions Part 2

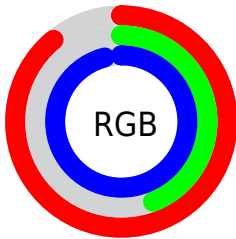
Format	Color
R _Y B	226, 111, 246
Decimal	14839798
CIE _{Lab}	65.11, 63.67, -48.51
CIE _{LCh}	65, 80.046, 322.698
Yxy	34.1915, 0.3002, 0.1912
Android (android.graphics.Color)	4293029878 (0xFFE26FF6)
YUV	160.7750, 42.0159, 57.2023
Hunter-Lab	58.4735, 61.5476, -51.2977

Details

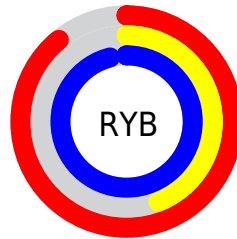
The XYZ color **53.6830, 34.1915, 90.9590** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **45.1863, 71.8854, 26.5342**, and the grayscale version is **33.5765, 35.3250, 38.4690**.

A 20% lighter version of the original color is **73.1087, 56.1174, 101.5862**, and **26.6529, 14.6373, 49.5646** is the 20% darker color. If you saturate the color by 10%, you get **50.2287, 28.9605, 90.1319**, and if you desaturate by 10%, it is **57.9030, 40.9158, 92.0350**.

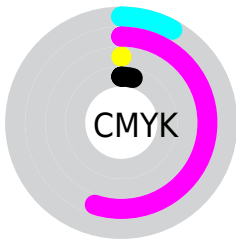
Distribution



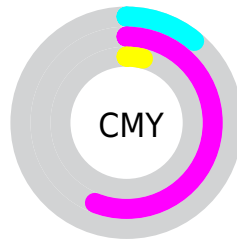
- Red (89%)
- Green (44%)
- Blue (96%)



- 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 53.6830, 34.1915, 90.9590 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 53.6830, 34.1915, 90.9590 by changing the saturation by 10% instead.


 53.6830, 34.1915,
90.9590

 53.6830, 34.1915,
90.9590


391.1181,
320.9851, 551.7959

 38.5779, 23.0408,
68.1981

 94.7683, 66.2314,
150.6169

 26.6108, 14.6236,
49.5912


 121.4792, 87.8893,
188.3510

 17.4162, 8.5557,
34.7198


 152.7894,
113.8183, 231.9133

 10.6288, 4.4525,
23.1653

189.0644,
144.4030, 281.7223

 5.8833, 1.9298,
14.5092

230.6694,
180.0276, 338.1965

 2.8142, 0.5662,
8.3329

277.9698,

 1.0563, 0.0000,

221.0765, 401.7545

4.2179

331.3309,
267.9342, 472.8148

■ 0.0000, 0.0000,
1.7456

■ 0.0000, 0.0000,
0.3917

■ 53.6830, 34.1915,
90.9590

■ 53.6830, 34.1915,
90.9590

■ 50.2287, 28.9605,
90.1319

■ 57.9030, 40.9158,
92.0350

■ 47.4739, 25.0936,
89.5307

■ 62.9403, 49.2394,
93.3761

■ 45.3471, 22.4473,
89.1320

■ 68.8463, 59.2639,
94.9998

■ 43.7593, 20.8434,
88.9061

■ 75.6670, 71.0810,
96.9212

43.0870, 20.2905,
88.8348

83.4450, 84.7759,
99.1547

91.0593, 98.1062,
101.3264

92.3632, 98.7784,
101.3874

93.6347, 99.4339,
101.4469

Harmonies

Analogous

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



41.8944, 34.1915, 132.8244



53.6830, 34.1915, 90.9590



60.0461, 34.1915, 45.9587

Triad

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



53.6830, 34.1915, 90.9590



35.4182, 34.1915, 3.0072



15.9490, 34.1915, 67.7452

Complementary

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



53.6830, 34.1915, 90.9590



45.1863, 71.8854, 26.5342

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.



15.0053, 34.1915, 29.6808



53.6830, 34.1915, 90.9590



24.6234, 34.1915, 3.9139

Square

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



53.6830, 34.1915, 90.9590



47.9882, 34.1915, 6.0169



17.7800, 34.1915, 10.3728



20.7612, 34.1915, 114.7431

Rectangle

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



53.6830, 34.1915, 90.9590



59.4983, 34.1915, 24.8707



17.7800, 34.1915, 10.3728



15.2244, 34.1915, 53.1226

Sweetspot

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



53.6843, 34.1930, 90.9597



81.1983, 75.5460, 104.9100



31.3414, 26.3348, 90.6206



17.0404, 15.5791, 22.3589



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.



53.6843, 34.1930, 90.9597



54.0886, 30.8220, 97.7062



53.9714, 35.0750, 57.8077



16.9583, 16.6366, 20.8600



23.0924, 10.8789, 47.4208



2.0939, 0.9893, 4.1708

Inverse Universe

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



47.7883, 32.6018, 25.2483



47.5282, 29.1896, 18.3514



45.7056, 71.7692, 43.9063



16.5992, 16.5225, 17.6357



20.4907, 10.5397, 2.0267



1.8306, 0.9382, 0.3341

Previews

White Background



This preview shows how the XYZ color 53.6830, 34.1915, 90.9590 looks on a white background.

Color Contrast Check

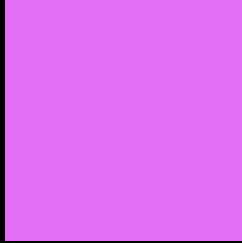
Large Text (above 18pt) WCAG AA × Fail

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 53.6830, 34.1915, 90.9590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

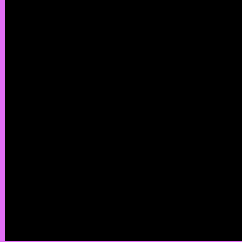
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.6830, 34.1915, 90.9590

Background



This preview shows how black text looks on a background with the XYZ color 53.6830, 34.1915, 90.9590.

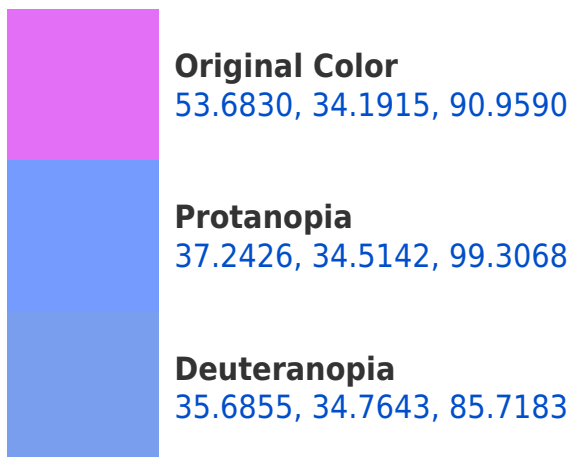


This preview shows how white text looks on a background with the XYZ color 53.6830, 34.1915,

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

41.6527, 34.1440, 31.9989

Trichromacy



Original Color

53.6830, 34.1915, 90.9590



Protanomaly

40.7079, 32.6616, 96.2542



Deuteranomaly

39.8993, 32.8742, 87.4615



Tritanomaly

45.1799, 33.7627, 48.9354

Monochromacy



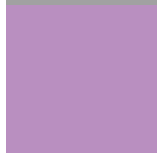
Original Color

53.6830, 34.1915, 90.9590



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 53.6830, 34.1915, 90.9590 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, 246)` looks like.

```
.text, #text, p{  
    color:rgb(226, 111, 246)  
}
```

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, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 111, 246) }
```

Border

The CSS property to change the border of an element to XYZ 53.6830, 34.1915, 90.9590 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, 246) }
```


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

```
.border{ border-color:rgb(226, 111, 246) }
```

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, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 111, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 111, 246);  
box-shadow:4px 4px 4px 4px rgb(226, 111,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6830, 34.1915, 90.9590 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, 246) }
```

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

```
.background{ background-color: rgb(226,  
111, 246) }
```

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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