

Converting Colors

XYZ(34.5215, 26.9389, 94.5777)

Have a look what the booklet for
XYZ(34.5215, 26.9389, 94.5777)
contains.

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Color

**XYZ(34.5463, 26.8733,
94.6331)**

Conversions

Conversions Part 1

Format	Color
Hex	857EFB
RGB	133, 126, 251
RGB Percent	52%, 49%, 98%
CMY	0.4784, 0.5059, 0.0157
CMYK	0.47, 0.50, 0.00, 0.02
HSL	243°, 94%, 74%
HSV	243°, 50%, 98%
XYZ	34.5463, 26.8733, 94.6331
YIQ	142.3430, -35.9530, 40.3590

Conversions

Conversions Part 2

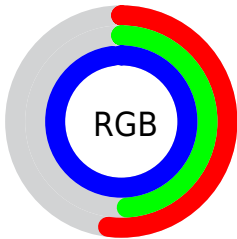
Format	Color
RYB	133, 126, 251
Decimal	8748795
CIELab	58.86, 34.17, -61.80
CIElCh	59, 70.617, 298.937
Yxy	26.8733, 0.2214, 0.1722
Android (android.graphics.Color)	4286938875 (0xFF857EFB)
YUV	142.3430, 53.5679, -8.1938
Hunter-Lab	51.8395, 28.2350, -71.9465

Details

The XYZ color **34.5463, 26.8733, 94.6331** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **75.5707, 89.7338, 33.0766**, and the grayscale version is **25.6526, 26.9885, 29.3905**.

A 20% lighter version of the original color is **55.9083, 50.6667, 101.4407**, and **15.1391, 10.6193, 52.2907** is the 20% darker color. If you saturate the color by 10%, you get **28.4019, 19.5243, 93.5390**, and if you desaturate by 10%, it is **42.3417, 36.2689, 96.0363**.

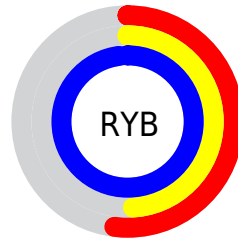
Distribution



Red (52%)

Green (49%)

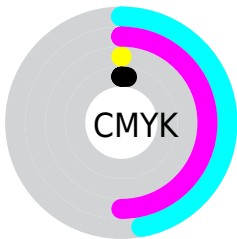
Blue (98%)



Red (52%)

Yellow (49%)

Blue (98%)

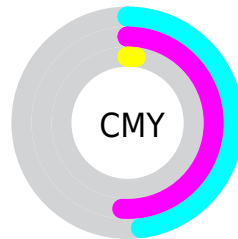


Cyan (47%)

Magenta (50%)

Yellow (0%)

Black (2%)



Cyan (48%)

Magenta (51%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.5463, 26.8733, 94.6331 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 34.5463, 26.8733, 94.6331 by changing the saturation by 10% instead.

■ 34.5463, 26.8733,
94.6331

■ 34.5463, 26.8733,
94.6331

314.1044,
287.0431, 563.9440

■ 23.4785, 17.4781,
71.2344

■ 66.1210, 54.6805,
155.7488

■ 15.0698, 10.5759,
52.0505

■ 87.3585, 73.8613,
194.3030

■ 8.9550, 5.7825,
36.6628

■ 112.7167, 97.0727,
238.7461

■ 4.7687, 2.7133,
24.6528

142.5609,
124.6991, 289.4966

■ 2.1456, 0.9839,
15.6019

177.2564,
157.1250, 346.9731

■ 0.7138, 0.0000,
9.0916

217.1685,

■ 0.0000, 0.0000,

194.7347, 411.5942

4.7034

262.6628,
237.9126, 483.7783

■ 0.0000, 0.0000,
2.0186

■ 0.0000, 0.0000,
0.5667

■ 34.5463, 26.8733,
94.6331

■ 34.5463, 26.8733,
94.6331

■ 28.4019, 19.5243,
93.5390

■ 42.3417, 36.2689,
96.0363

■ 23.7861, 14.0670,
92.7289

■ 51.8916, 47.8455,
97.7675

■ 20.5654, 10.3284,
92.1771

■ 63.2954, 61.7289,
99.8462

■ 18.5812, 8.1028,
91.8520

■ 76.6437, 78.0347,
102.2900

■ 17.6077, 7.0737,
91.7047

■ 92.0216, 96.8709,
105.1153

■ 17.5948, 7.0589,
91.7026

■ 94.4127, 99.7451,
105.5440

Harmonies

Analogous

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



25.2325, 26.8733, 108.3424



34.5463, 26.8733, 94.6331



42.7694, 26.8733, 61.6974

Triad

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



34.5463, 26.8733, 94.6331



35.2094, 26.8733, 4.3886



12.1761, 26.8733, 28.3786

Complementary

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



34.5463, 26.8733, 94.6331



75.5707, 89.7338, 33.0766

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.



13.7015, 26.8733, 10.8163



34.5463, 26.8733, 94.6331



25.8546, 26.8733, 2.7190

Square

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



34.5463, 26.8733, 94.6331



43.2096, 26.8733, 11.6307



18.2568, 26.8733, 4.1419



13.4972, 26.8733, 59.1948

Rectangle

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



34.5463, 26.8733, 94.6331



45.7895, 26.8733, 39.4781



18.2568, 26.8733, 4.1419



12.3655, 26.8733, 20.9780

Sweetspot

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



34.5475, 26.8742, 94.6338



71.9797, 71.7604, 104.6651



58.5942, 76.5549, 102.9557



14.7937, 14.6112, 22.2905



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.



34.5475, 26.8742, 94.6338



29.3032, 20.0746, 96.9381



47.3152, 33.4562, 95.2313



16.3730, 16.6894, 21.7437



9.2852, 3.7294, 48.2040



0.8906, 0.3612, 4.4660

Inverse Universe

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



63.5737, 41.9630, 90.3347



62.6917, 37.4429, 91.4563



57.6142, 80.4769, 32.2363



17.9486, 17.5068, 21.5849



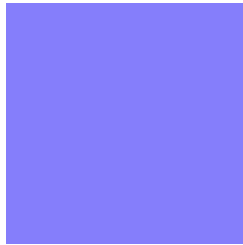
28.9606, 14.0000, 43.3625



2.6947, 1.3016, 4.0817

Previews

White Background



This preview shows how the XYZ color 34.5463, 26.8733, 94.6331 looks on a white background.

Color Contrast Check

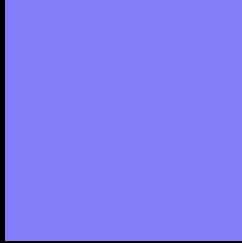
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.5463, 26.8733, 94.6331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

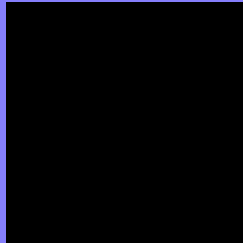
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.5463, 26.8733, 94.6331

Background



This preview shows how black text looks on a background with the XYZ color 34.5463, 26.8733, 94.6331.



This preview shows how white text looks on a background with the XYZ color 34.5463, 26.8733,

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

34.5463, 26.8733, 94.6331

Protanopia

30.6518, 26.9961, 98.2030

Deuteranopia

28.0792, 27.1172, 91.7499



Tritanopia

22.9985, 26.8437, 37.2269

Trichromacy



Original Color

34.5463, 26.8733, 94.6331

Protanomaly

31.7564, 26.7556, 97.2565

Deuteranomaly

29.3686, 26.4625, 92.3668

Tritanomaly

26.2062, 26.3194, 54.1510

Monochromacy



Original Color

34.5463, 26.8733, 94.6331

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

27.8951, 26.4747, 47.8959

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5463, 26.8733, 94.6331 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(133, 126, 251)` looks like.

```
.text, #text, p{  
    color:rgb(133, 126, 251)  
}
```

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(133, 126, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 126, 251) }
```

Border

The CSS property to change the border of an element to XYZ 34.5463, 26.8733, 94.6331 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(133, 126, 251) }
```


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

```
.border{ border-color:rgb(133, 126, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 126, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 126, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 126, 251);  
box-shadow:4px 4px 4px 4px rgb(133, 126,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5463, 26.8733, 94.6331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 126, 251) }
```

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

```
.background{ background-color: rgb(133,  
126, 251) }
```

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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