

Converting Colors

XYZ(35.4960, 26.2726, 84.9891)

Have a look what the booklet for
XYZ(35.4960, 26.2726, 84.9891)
contains.

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Color

**XYZ(35.5032, 26.2957,
84.8657)**

Conversions

Conversions Part 1

Format	Color
Hex	9A77EF
RGB	154, 119, 239
RGB Percent	60%, 47%, 94%
CMY	0.3961, 0.5333, 0.0627
CMYK	0.36, 0.50, 0.00, 0.06
HSL	258°, 79%, 70%
HSV	258°, 50%, 94%
XYZ	35.5032, 26.2957, 84.8657
YIQ	143.1450, -17.6600, 44.7400

Conversions

Conversions Part 2

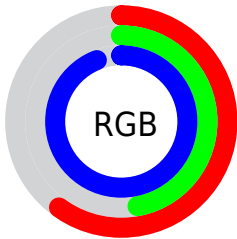
Format	Color
R_{YB}	154, 119, 239
Decimal	10123247
CIE _{Lab}	58.32, 39.76, -55.93
CIE _{LCh}	58, 68.619, 305.412
Yxy	26.2957, 0.2421, 0.1793
Android (android.graphics.Color)	4288313327 (0xFF9A77EF)
YUV	143.1450, 47.2565, 9.5198
Hunter-Lab	51.2793, 33.8455, -62.2276

Details

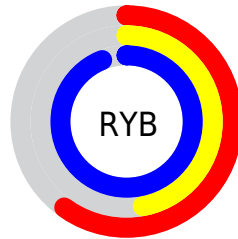
The XYZ color **35.5032, 26.2957, 84.8657** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **59.0984, 75.9027, 28.9894**, and the grayscale version is **25.9896, 27.3430, 29.7766**.

A 20% lighter version of the original color is **59.9539, 50.7221, 101.2382**, and **15.6086, 10.2303, 45.4080** is the 20% darker color. If you saturate the color by 10%, you get **30.0103, 19.7596, 83.8941**, and if you desaturate by 10%, it is **42.1678, 34.4981, 86.0982**.

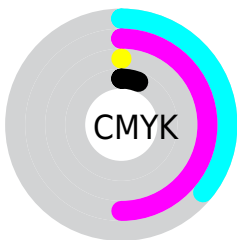
Distribution



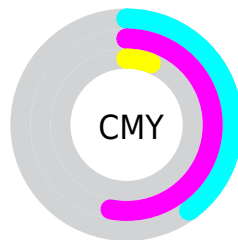
- Red (60%)
- Green (47%)
- Blue (94%)



- Red (60%)
- Yellow (47%)
- Blue (94%)



- Cyan (36%)
- Magenta (50%)
- Yellow (0%)
- Black (6%)



- Cyan (40%)
- Magenta (53%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.5032, 26.2957, 84.8657 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 35.5032, 26.2957, 84.8657 by changing the saturation by 10% instead.

35.5032, 26.2957,
84.8657

35.5032, 26.2957,
84.8657

318.2531,
284.2306, 531.3166

24.2191, 17.0450,
63.1809

67.5935, 53.7516,
142.0580

15.6218, 10.2666,
45.5456

89.1303, 72.7256,
178.4026

9.3461, 5.5761,
31.5414

114.8155, 95.7094,
220.4709

5.0265, 2.5891,
20.7495

145.0143,
123.0875, 268.6814

2.2977, 0.9212,
12.7516

180.0921,
155.2443, 323.4527

0.7935, 0.0000,
7.1290

220.4143,

0.0000, 0.0000,

192.5642, 385.2033

3.4632

266.3462,
235.4315, 454.3517

■ 0.0000, 0.0000,
1.3358

■ 0.0000, 0.0000,
0.0908

■ 35.5032, 26.2957,
84.8657

■ 35.5032, 26.2957,
84.8657

■ 30.0103, 19.7596,
83.8941

■ 42.1678, 34.4981,
86.0982

■ 25.6121, 14.7678,
83.1624

■ 50.0675, 44.4710,
87.6068

■ 22.2271, 11.1857,
82.6494

■ 59.2651, 56.3134,
89.4078

■ 19.7588, 8.8530,
82.3293

■ 69.8177, 70.1161,
91.5158

■ 18.0851, 7.5234,
82.1608

■ 81.7791, 85.9639,
93.9443

■ 92.5801, 99.0120,
95.8936

Harmonies

Analogous

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



26.5388, 26.2957, 103.1805



35.5032, 26.2957, 84.8657



42.6282, 26.2957, 52.3538

Triad

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



35.5032, 26.2957, 84.8657



32.2899, 26.2957, 3.8660



12.1708, 26.2957, 33.1925

Complementary

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



35.5032, 26.2957, 84.8657



59.0984, 75.9027, 28.9894

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.



13.0482, 26.2957, 13.4395



35.5032, 26.2957, 84.8657



23.5089, 26.2957, 2.9133

Square

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



35.5032, 26.2957, 84.8657



40.5022, 26.2957, 9.3929



16.7938, 26.2957, 5.1239



14.0552, 26.2957, 64.4126

Rectangle

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



35.5032, 26.2957, 84.8657



44.6655, 26.2957, 32.4713



16.7938, 26.2957, 5.1239



12.1583, 26.2957, 25.1071

Sweetspot

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



35.5043, 26.2966, 84.8663



74.7638, 73.1956, 104.7954



45.0198, 53.8174, 89.6769



15.4556, 14.9525, 22.3215



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.



35.5043, 26.2966, 84.8663



34.7672, 22.8913, 97.1938



49.6181, 33.5726, 85.5269



15.3304, 15.4521, 19.8962



10.1072, 4.2159, 45.4089



0.9362, 0.3999, 3.7821

Inverse Universe

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



53.0930, 35.9047, 61.2586



57.6708, 35.4345, 65.0168



45.8740, 69.0853, 28.3705



16.2463, 15.9482, 18.8533



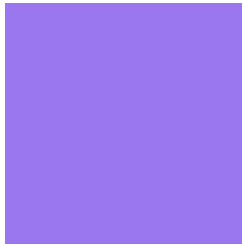
23.7040, 11.7540, 22.1554



2.0150, 0.9951, 2.0700

Previews

White Background



This preview shows how the XYZ color 35.5032, 26.2957, 84.8657 looks on a white background.

Color Contrast Check

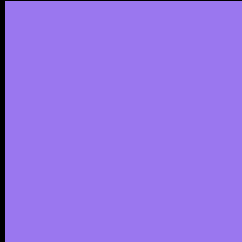
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.5032, 26.2957, 84.8657 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 35.5032, 26.2957, 84.8657

Background



This preview shows how black text looks on a background with the XYZ color 35.5032, 26.2957, 84.8657.



This preview shows how white text looks on a background with the XYZ color 35.5032, 26.2957,

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

35.5032, 26.2957, 84.8657

Protanopia

30.2475, 26.5776, 98.1435

Deuteranopia

27.3567, 26.5268, 81.5202



Tritanopia

24.9557, 26.1414, 33.0087

Trichromacy



Original Color

35.5032, 26.2957, 84.8657

Protanomaly

31.2659, 25.9930, 92.9918

Deuteranomaly

29.2368, 25.7742, 82.7909

Tritanomaly

27.9538, 25.6722, 48.2817

Monochromacy



Original Color

35.5032, 26.2957, 84.8657

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

28.5936, 26.4676, 45.7212

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5032, 26.2957, 84.8657 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(154, 119, 239)` looks like.

```
.text, #text, p{  
    color:rgb(154, 119, 239)  
}
```

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(154, 119, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 119, 239) }
```

Border

The CSS property to change the border of an element to XYZ 35.5032, 26.2957, 84.8657 is called "border". The border property can be set on classes, ids or directly on the HTML element.

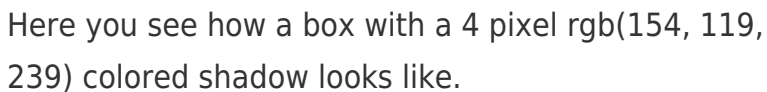
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(154, 119, 239) }
```


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

```
.border{ border-color:rgb(154, 119, 239) }
```

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



Here you see how a box with a 4 pixel `rgb(154, 119, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(154, 119, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(154, 119, 239); box-shadow:4px 4px 4px 4px rgb(154, 119, 239) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5032, 26.2957, 84.8657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 119, 239) }
```

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

```
.background{ background-color: rgb(154,  
119, 239) }
```

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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