

Converting Colors

XYZ(35.1522, 25.5065, 88.6585)

Have a look what the booklet for
XYZ(35.1522, 25.5065, 88.6585)
contains.

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Color

**XYZ(35.1522, 25.5065,
88.6585)**

Conversions

Conversions Part 1

Format	Color
Hex	9674F4
RGB	150, 116, 244
RGB Percent	59%, 45%, 96%
CMY	0.4117, 0.5451, 0.0431
CMYK	0.39, 0.52, 0.00, 0.04
HSL	256°, 85%, 71%
HSV	256°, 52%, 96%
XYZ	35.1522, 25.5065, 88.6585
YIQ	140.7580, -20.8240, 47.0160

Conversions

Conversions Part 2

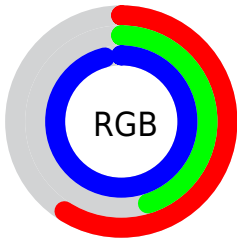
Format	Color
R _Y B	150, 116, 244
Decimal	9860340
CIE Lab	57.57, 41.81, -59.92
CIE LCh	58, 73.066, 304.903
Yxy	25.5065, 0.2354, 0.1708
Android (android.graphics.Color)	4288050420 (0xFF9674F4)
YUV	140.7580, 50.8983, 8.1052
Hunter-Lab	50.5040, 35.8592, -68.7294

Details

The XYZ color **35.1522, 25.5065, 88.6585** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **62.0814, 79.6643, 28.6284**, and the grayscale version is **25.0368, 26.3407, 28.6850**.

A 20% lighter version of the original color is **58.2504, 49.0058, 100.9967**, and **15.4321, 9.8114, 48.0941** is the 20% darker color. If you saturate the color by 10%, you get **29.6511, 19.0297, 87.6988**, and if you desaturate by 10%, it is **41.8981, 33.7220, 89.8892**.

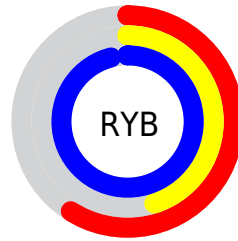
Distribution



Red (59%)

Green (45%)

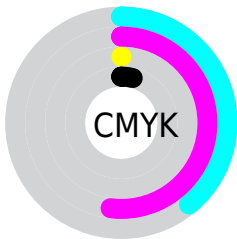
Blue (96%)



Red (59%)

Yellow (45%)

Blue (96%)

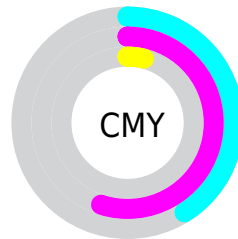


Cyan (39%)

Magenta (52%)

Yellow (0%)

Black (4%)



Cyan (41%)


Magenta (55%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.1522, 25.5065, 88.6585 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 35.1522, 25.5065, 88.6585 by changing the saturation by 10% instead.


 35.1522, 25.5065,
88.6585


 35.1522, 25.5065,
88.6585


316.7359,
280.3510, 544.1144

 23.9472, 16.4548,
66.3011


 67.0540, 52.4777,
147.3928

 15.4190, 9.8466,
48.0589


 88.4814, 71.1661,
184.6067

 9.2022, 5.2973,
33.5132


 114.0471, 93.8354,
227.6100

 4.9315, 2.4228,
22.2455

144.1163,
120.8702, 276.8211

 2.2414, 0.8376,
13.8374

179.0544,
152.6547, 332.6585

 0.7644, 0.0000,
7.8702

219.2268,

 0.0000, 0.0000,

189.5734, 395.5408

3.9254

264.9989,
232.0107, 465.8866

■ 0.0000, 0.0000,
1.5845

■ 0.0000, 0.0000,
0.2797

■ 35.1522, 25.5065,
88.6585

■ 35.1522, 25.5065,
88.6585

■ 29.6511, 19.0297,
87.6988

■ 41.8981, 33.7220,
89.8892

■ 25.3096, 14.1587,
86.9874

■ 49.9598, 43.7899,
91.4076

■ 22.0360, 10.7454,
86.5011

■ 59.4063, 55.8174,
93.2313

■ 19.7211, 8.6111,
86.2112

■ 70.3008, 69.9026,
95.3758

■ 18.4971, 7.6493,
86.0900

■ 82.7027, 86.1369,
97.8557

■ 93.3292, 99.3117,
99.8386

Harmonies

Analogous

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



25.7040, 25.5065, 108.2890



35.1522, 25.5065, 88.6585



42.8068, 25.5065, 53.5082

Triad

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



35.1522, 25.5065, 88.6585



32.0686, 25.5065, 3.0393



11.0859, 25.5065, 32.0800

Complementary

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



35.1522, 25.5065, 88.6585



62.0814, 79.6643, 28.6284

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.



12.0133, 25.5065, 11.9840



35.1522, 25.5065, 88.6585



22.8387, 25.5065, 2.1478

Square

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



35.1522, 25.5065, 88.6585



40.7481, 25.5065, 8.3672



15.8627, 25.5065, 4.0779



12.9328, 25.5065, 65.2817

Rectangle

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



35.1522, 25.5065, 88.6585



45.0597, 25.5065, 32.2578



15.8627, 25.5065, 4.0779



11.0888, 25.5065, 23.7230

Sweetspot

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



35.1533, 25.5074, 88.6591



73.2105, 71.4281, 104.5361



47.0757, 57.3323, 94.1736



15.1355, 14.5971, 22.2697



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.



35.1533, 25.5074, 88.6591



32.4046, 20.6083, 96.8776



49.7266, 33.0202, 89.3411



15.9940, 16.1396, 20.8148



10.1673, 4.2157, 46.8159



0.9869, 0.4186, 4.1190

Inverse Universe

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



55.1868, 36.3776, 65.0850



57.1986, 34.0977, 66.0691



47.7165, 72.2588, 27.9561



17.0147, 16.6887, 19.8240



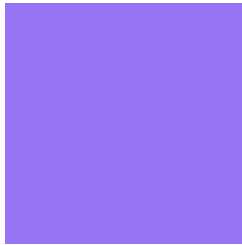
24.7801, 12.2555, 24.6140



2.2203, 1.0941, 2.3864

Previews

White Background



This preview shows how the XYZ color 35.1522, 25.5065, 88.6585 looks on a white background.

Color Contrast Check

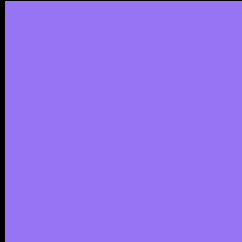
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.1522, 25.5065, 88.6585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

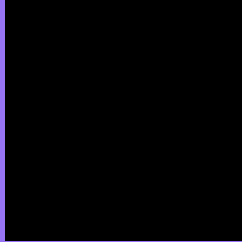
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.1522, 25.5065, 88.6585

Background



This preview shows how black text looks on a background with the XYZ color 35.1522, 25.5065, 88.6585.



This preview shows how white text looks on a background with the XYZ color 35.1522, 25.5065,

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

35.1522, 25.5065, 88.6585

Protanopia

29.5556, 25.8067, 98.0312

Deuteranopia

26.7617, 25.9180, 85.2535



Tritanopia

23.7909, 25.3344, 32.4903

Trichromacy



Original Color

35.1522, 25.5065, 88.6585

Protanomaly

30.5955, 25.0273, 94.4850

Deuteranomaly

28.4071, 24.8588, 86.5201

Tritanomaly

27.0846, 25.0117, 48.7476

Monochromacy



Original Color

35.1522, 25.5065, 88.6585

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

27.7887, 25.6462, 45.6051

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1522, 25.5065, 88.6585 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(150, 116, 244)` looks like.

```
.text, #text, p{  
    color:rgb(150, 116, 244)  
}
```

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(150, 116, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 116, 244) }
```

Border

The CSS property to change the border of an element to XYZ 35.1522, 25.5065, 88.6585 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(150, 116, 244) }
```


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

```
.border{ border-color:rgb(150, 116, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 116, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 116, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 116, 244);  
box-shadow:4px 4px 4px 4px rgb(150, 116,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1522, 25.5065, 88.6585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 116, 244) }
```

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

```
.background{ background-color: rgb(150,  
116, 244) }
```

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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