

Converting Colors

XYZ(35.0424, 25.2751, 89.2578)

Have a look what the booklet for
XYZ(35.0424, 25.2751, 89.2578)
contains.

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Color

**XYZ(35.0066, 25.2436,
89.4137)**

Conversions

Conversions Part 1

Format	Color
Hex	9573F5
RGB	149, 115, 245
RGB Percent	58%, 45%, 96%
CMY	0.4157, 0.5490, 0.0392
CMYK	0.39, 0.53, 0.00, 0.04
HSL	256°, 87%, 71%
HSV	256°, 53%, 96%
XYZ	35.0066, 25.2436, 89.4137
YIQ	139.9860, -21.4660, 47.6380

Conversions

Conversions Part 2

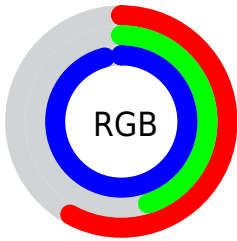
Format	Color
R _Y B	149, 115, 245
Decimal	9794549
CIE Lab	57.31, 42.40, -60.89
CIE LCh	57, 74.200, 304.855
Yxy	25.2436, 0.2339, 0.1687
Android (android.graphics.Color)	4287984629 (0xFF9573F5)
YUV	139.9860, 51.7719, 7.9053
Hunter-Lab	50.2430, 36.4438, -70.3438

Details

The XYZ color **35.0066, 25.2436, 89.4137** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **62.6107, 80.3917, 28.4375**, and the grayscale version is **24.7341, 26.0222, 28.3382**.

A 20% lighter version of the original color is **57.7848, 48.4907, 100.9218**, and **15.2818, 9.6356, 48.6314** is the 20% darker color. If you saturate the color by 10%, you get **29.5267, 18.8082, 88.4609**, and if you desaturate by 10%, it is **41.7437, 33.4295, 90.6392**.

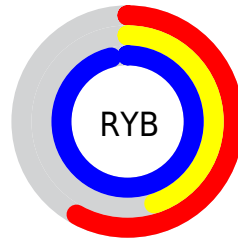
Distribution



Red (58%)

Green (45%)

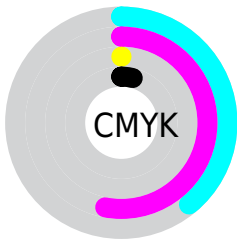
Blue (96%)



Red (58%)

Yellow (45%)

Blue (96%)

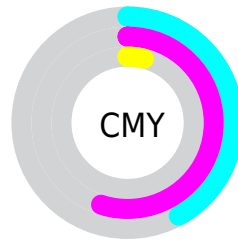


Cyan (39%)

Magenta (53%)

Yellow (0%)

Black (4%)



Cyan (42%)

Magenta (55%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.0066, 25.2436, 89.4137 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 35.0066, 25.2436, 89.4137 by changing the saturation by 10% instead.

35.0066, 25.2436,
89.4137

35.0066, 25.2436,
89.4137

316.1050,
279.0489, 546.6426

23.8345, 16.2586,
66.9235

66.8299, 52.0521,
148.4521

15.3350, 9.7074,
48.5613

88.2119, 70.6445,
185.8374

9.1427, 5.2054,
33.9084

113.7279, 93.2081,
229.0248

4.8922, 2.3683,
22.5465

143.7432,
120.1274, 278.4329

2.2183, 0.8095,
14.0568

178.6232,
151.7867, 334.4802

0.7523, 0.0000,
8.0210

218.7332,

0.0000, 0.0000,

188.5705, 397.5852

4.0204

264.4387,
230.8631, 468.1665

■ 0.0000, 0.0000,
1.6366

■ 0.0000, 0.0000,
0.3167

■ 35.0066, 25.2436,
89.4137

■ 35.0066, 25.2436,
89.4137

■ 29.5267, 18.8082,
88.4609

■ 41.7437, 33.4295,
90.6392

■ 25.2168, 13.9881,
87.7577

■ 49.8103, 43.4819,
92.1543

■ 21.9831, 10.6318,
87.2803

■ 59.2771, 55.5098,
93.9770

■ 19.7134, 8.5563,
86.9993

■ 70.2084, 69.6128,
96.1230

■ 18.6012, 7.6854,
86.8898

■ 82.6647, 85.8838,
98.6071

■ 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.



25.4522, 25.2436, 109.4286



35.0066, 25.2436, 89.4137



42.7756, 25.2436, 53.6109

Triad

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



35.0066, 25.2436, 89.4137



31.9154, 25.2436, 2.8284



10.7853, 25.2436, 31.7892

Complementary

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



35.0066, 25.2436, 89.4137



62.6107, 80.3917, 28.4375

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.



11.7151, 25.2436, 11.6219



35.0066, 25.2436, 89.4137



22.5912, 25.2436, 1.9657

Square

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



35.0066, 25.2436, 89.4137



40.7068, 25.2436, 8.0655



15.5723, 25.2436, 3.8267



12.6246, 25.2436, 65.4673

Rectangle

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



35.0066, 25.2436, 89.4137



45.0703, 25.2436, 32.0596



15.5723, 25.2436, 3.8267



10.7897, 25.2436, 23.3694

Sweetspot

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



35.0077, 25.2445, 89.4143



73.1585, 71.4014, 104.5337



47.2209, 57.5754, 95.0111



15.1232, 14.5908, 22.2692



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.



35.0077, 25.2445, 89.4143



31.7691, 19.9481, 96.7837



49.9085, 32.9261, 90.1117



15.9876, 16.1362, 20.8145



10.1306, 4.1968, 46.8142



0.9830, 0.4166, 4.1188

Inverse Universe

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



55.5450, 36.3776, 65.7210



56.9731, 33.6490, 65.9871



47.8700, 72.7926, 27.7476



17.0177, 16.6899, 19.8399



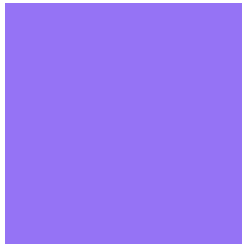
24.8347, 12.2773, 24.9014



2.2247, 1.0958, 2.4097

Previews

White Background



This preview shows how the XYZ color 35.0066, 25.2436, 89.4137 looks on a white background.

Color Contrast Check

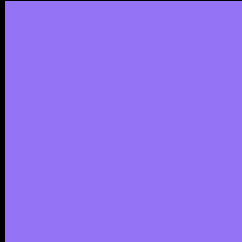
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.0066, 25.2436, 89.4137 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 35.0066, 25.2436, 89.4137

Background



This preview shows how black text looks on a background with the XYZ color 35.0066, 25.2436, 89.4137.



This preview shows how white text looks on a background with the XYZ color 35.0066, 25.2436,

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

35.0066, 25.2436, 89.4137

Protanopia

29.2616, 25.4509, 97.9780

Deuteranopia

26.4290, 25.5134, 85.9697



Tritanopia

23.4900, 25.1793, 32.4762

Trichromacy



Original Color

35.0066, 25.2436, 89.4137



Protanomaly

30.2403, 24.6534, 94.4315



Deuteranomaly

28.0341, 24.4508, 87.2463



Tritanomaly

26.7313, 24.6189, 49.2420

Monochromacy



Original Color

35.0066, 25.2436, 89.4137



Achromatopsia

24.9269, 26.2251, 28.5591



Achromatomaly

27.4799, 25.2866, 45.5519

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0066, 25.2436, 89.4137 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(149, 115, 245)` looks like.

```
.text, #text, p{  
    color:rgb(149, 115, 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(149, 115, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 115, 245) }
```

Border

The CSS property to change the border of an element to XYZ 35.0066, 25.2436, 89.4137 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(149, 115, 245) }
```


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

```
.border{ border-color:rgb(149, 115, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 115, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 115, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 115, 245);  
box-shadow:4px 4px 4px 4px rgb(149, 115,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0066, 25.2436, 89.4137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 115, 245) }
```

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

```
.background{ background-color: rgb(149,  
115, 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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