

Converting Colors

XYZ(35.5517, 25.3562, 87.9321)

Have a look what the booklet for
XYZ(35.5517, 25.3562, 87.9321)
contains.

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Color

**XYZ(35.5214, 25.3757,
87.8198)**

Conversions

Conversions Part 1

Format	Color
Hex	9A72F3
RGB	154, 114, 243
RGB Percent	60%, 45%, 95%
CMY	0.3961, 0.5529, 0.0471
CMYK	0.37, 0.53, 0.00, 0.05
HSL	259°, 84%, 70%
HSV	259°, 53%, 95%
XYZ	35.5214, 25.3757, 87.8198
YIQ	140.6660, -17.5690, 48.5990

Conversions

Conversions Part 2

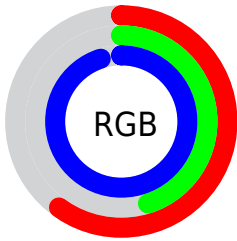
Format	Color
RYB	154, 114, 243
Decimal	10121971
CIELab	57.44, 43.60, -59.55
CIElCh	57, 73.806, 306.212
Yxy	25.3757, 0.2389, 0.1706
Android (android.graphics.Color)	4288312051 (0xFF9A72F3)
YUV	140.6660, 50.4507, 11.6939
Hunter-Lab	50.3743, 37.7141, -68.1009

Details

The XYZ color **35.5214, 25.3757, 87.8198** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **59.7164, 78.0128, 27.8308**, and the grayscale version is **25.0017, 26.3038, 28.6448**.

A 20% lighter version of the original color is **59.0201, 48.8545, 100.9269**, and **15.6261, 9.7533, 47.5134** is the 20% darker color. If you saturate the color by 10%, you get **30.1646, 19.0719, 86.8859**, and if you desaturate by 10%, it is **42.0539, 33.3668, 89.0184**.

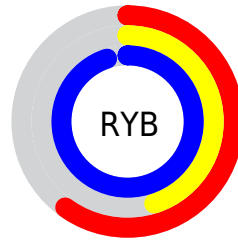
Distribution



Red (60%)

Green (45%)

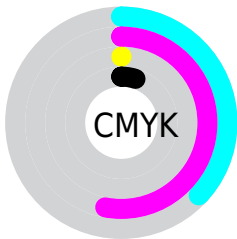
Blue (95%)



Red (60%)

Yellow (45%)

Blue (95%)

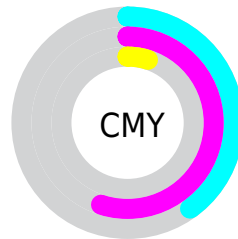


Cyan (37%)

Magenta (53%)

Yellow (0%)

Black (5%)



Cyan (40%)

Magenta (55%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.5214, 25.3757, 87.8198 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 35.5214, 25.3757, 87.8198 by changing the saturation by 10% instead.

35.5214, 25.3757,
87.8198

35.5214, 25.3757,
87.8198

318.3317,
279.7038, 541.2989

24.2332, 16.3572,
65.6104

67.6214, 52.2661,
146.2152

15.6324, 9.7773,
47.5017

89.1640, 70.9067,
183.2382

9.3536, 5.2515,
33.0752

114.8553, 93.5235,
226.0362

5.0315, 2.3956,
21.9125

145.0608,
120.5009, 275.0276

2.3007, 0.8236,
13.5949

180.1458,
152.2232, 330.6311

0.7950, 0.0000,
7.7040

220.4758,

0.0000, 0.0000,

189.0749, 393.2651

3.8211

266.4159,
231.4403, 463.3482

■ 0.0000, 0.0000,
1.5277

■ 0.0000, 0.0000,
0.2384

■ 35.5214, 25.3757,
87.8198

■ 35.5214, 25.3757,
87.8198

■ 30.1646, 19.0719,
86.8859

■ 42.0539, 33.3668,
89.0184

■ 25.9029, 14.3251,
86.1943

■ 49.8287, 43.1566,
90.4983

■ 22.6495, 10.9898,
85.7220

■ 58.9110, 54.8498,
92.2766

■ 20.3005, 8.8895,
85.4404

■ 69.3602, 68.5422,
94.3688

■ 19.1071, 7.9813,
85.3280

■ 81.2321, 84.3231,
96.7891

■ 93.0279, 99.1738,
99.0339

■ 93.1778, 99.2511,
99.0409

Harmonies

Analogous

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



25.9909, 25.3757, 108.8706



35.5214, 25.3757, 87.8198



43.0838, 25.3757, 52.0587

Triad

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



35.5214, 25.3757, 87.8198



31.5835, 25.3757, 2.8073



10.9345, 25.3757, 33.1949

Complementary

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



35.5214, 25.3757, 87.8198



59.7164, 78.0128, 27.8308

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.



11.7409, 25.3757, 12.3645



35.5214, 25.3757, 87.8198



22.3389, 25.3757, 2.0548

Square

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



35.5214, 25.3757, 87.8198



40.4516, 25.3757, 7.7871



15.4620, 25.3757, 4.1066



12.9073, 25.3757, 67.1313

Rectangle

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



35.5214, 25.3757, 87.8198



45.1724, 25.3757, 30.9460



15.4620, 25.3757, 4.1066



10.8979, 25.3757, 24.5594

Sweetspot

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



35.5225, 25.3766, 87.8204



73.7791, 71.7213, 104.5628



44.7819, 53.3776, 92.7371



15.2699, 14.6664, 22.2760



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.



35.5225, 25.3766, 87.8204



33.0853, 20.6266, 96.8453



50.8703, 33.2887, 88.5387



16.0646, 16.1759, 20.8181



10.6078, 4.4429, 46.8365



1.0333, 0.4426, 4.1212

Inverse Universe

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



53.7592, 35.4016, 60.4988



55.9960, 33.2582, 60.8419



45.8700, 70.8747, 27.1828



16.9821, 16.6757, 19.6521



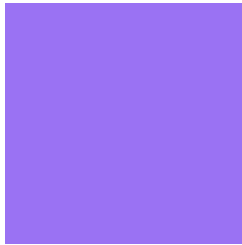
24.2105, 12.0276, 21.6148



2.1739, 1.0755, 2.1420

Previews

White Background



This preview shows how the XYZ color 35.5214, 25.3757, 87.8198 looks on a white background.

Color Contrast Check

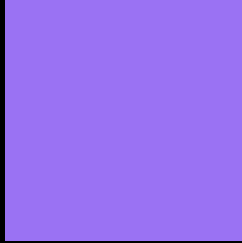
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.5214, 25.3757, 87.8198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

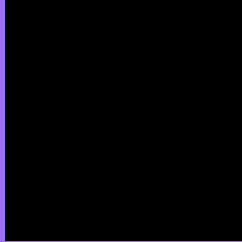
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.5214, 25.3757, 87.8198

Background



This preview shows how black text looks on a background with the XYZ color 35.5214, 25.3757, 87.8198.



This preview shows how white text looks on a background with the XYZ color 35.5214, 25.3757,

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

35.5214, 25.3757, 87.8198

Protanopia

29.4767, 25.7661, 98.0275

Deuteranopia

26.4431, 25.5718, 83.6629



Tritanopia

24.3448, 25.4152, 32.0563

Trichromacy



Original Color

35.5214, 25.3757, 87.8198

Protanomaly

30.7109, 25.0868, 94.4904

Deuteranomaly

28.2819, 24.6302, 84.9248

Tritanomaly

27.3820, 24.7821, 48.1400

Monochromacy



Original Color

35.5214, 25.3757, 87.8198

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

28.0062, 25.5579, 45.5766

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5214, 25.3757, 87.8198 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, 114, 243)` looks like.

```
.text, #text, p{  
    color:rgb(154, 114, 243)  
}
```

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, 114, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 114, 243) }
```

Border

The CSS property to change the border of an element to XYZ 35.5214, 25.3757, 87.8198 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, 114, 243) }
```


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

```
.border{ border-color:rgb(154, 114, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 114, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 114, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 114, 243);  
box-shadow:4px 4px 4px 4px rgb(154, 114,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5214, 25.3757, 87.8198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 114, 243) }
```

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

```
.background{ background-color: rgb(154,  
114, 243) }
```

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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