

Converting Colors

XYZ(36.0576, 29.2481, 97.7920)

Have a look what the booklet for
XYZ(36.0576, 29.2481, 97.7920)
contains.

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Color

**XYZ(35.9302, 29.1115,
97.4913)**

Conversions

Conversions Part 1

Format	Color
Hex	8486FE
RGB	132, 134, 254
RGB Percent	52%, 53%, 100%
CMY	0.4823, 0.4745, 0.0039
CMYK	0.48, 0.47, 0.00, 0.00
HSL	239°, 98%, 76%
HSV	239°, 48%, 100%
XYZ	35.9302, 29.1115, 97.4913
YIQ	147.0820, -39.7120, 36.8960

Conversions

Conversions Part 2

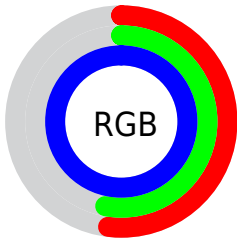
Format	Color
RYB	132, 134, 254
Decimal	8685310
CIELab	60.88, 30.15, -60.22
CIELCh	61, 67.342, 296.598
Yxy	29.1115, 0.2211, 0.1791
Android (android.graphics.Color)	4286875390 (0xFF8486FE)
YUV	147.0820, 52.7106, -13.2269
Hunter-Lab	53.9551, 24.4468, -69.3624

Details

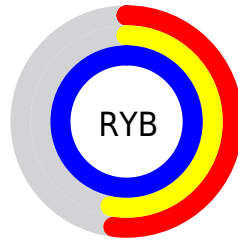
The XYZ color **35.9302, 29.1115, 97.4913** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **79.8503, 92.3606, 35.4505**, and the grayscale version is **27.5689, 29.0046, 31.5860**.

A 20% lighter version of the original color is **57.3062, 53.8370, 101.9790**, and **15.9990, 11.9059, 54.2782** is the 20% darker color. If you saturate the color by 10%, you get **29.3761, 21.1982, 96.3099**, and if you desaturate by 10%, it is **44.2692, 39.1563, 98.9912**.

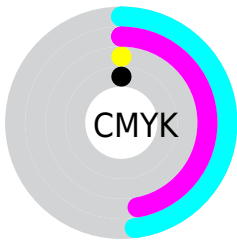
Distribution



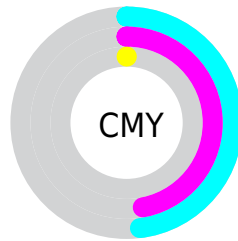
- Red (52%)
- Green (53%)
- Blue (100%)



- Red (52%)
- Yellow (53%)
- Blue (100%)



- Cyan (48%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)



- Cyan (48%)
- Magenta (47%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.9302, 29.1115, 97.4913 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 35.9302, 29.1115, 97.4913 by changing the saturation by 10% instead.

■ 35.9302, 29.1115,
97.4913

■ 35.9302, 29.1115,
97.4913

320.0919,
297.7407, 573.2970

■ 24.5502, 19.1652,
73.6019

■ 68.2489, 58.2542,
159.7270

■ 15.8692, 11.7897,
53.9735

■ 89.9182, 78.2194,
198.9105

■ 9.5219, 6.6006,
38.1874

■ 115.7481,
102.2929, 244.0290

■ 5.1429, 3.2136,
25.8252

146.1038,
130.8593, 295.5012

■ 2.3670, 1.2443,
16.4683

181.3506,
164.3029, 353.7455

■ 0.8286, 0.0974,
9.6982

221.8540,

■ 0.0000, 0.0000,

203.0080, 419.1806

5.0964

267.9793,
247.3592, 492.2249

■ 0.0000, 0.0000,
2.2442

■ 0.0000, 0.0000,
0.6997

■ 35.9302, 29.1115,
97.4913

■ 35.9302, 29.1115,
97.4913

■ 29.3761, 21.1982,
96.3099

■ 44.2692, 39.1563,
98.9912

■ 24.4734, 15.2600,
95.4221

■ 54.5061, 51.4680,
100.8281

■ 21.0760, 11.1239,
94.8029

■ 66.7492, 66.1744,
103.0214

■ 19.0107, 8.5857,
94.4218

■ 81.0975, 83.3927,
105.5887

■ 18.0507, 7.3852,
94.2407

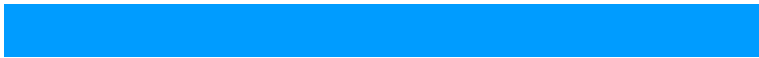
94.8895, 99.9358,
108.0549

■ 17.9346, 7.2460,
94.2199

Harmonies

Analogous

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



26.6806, 29.1115, 108.5154



35.9302, 29.1115, 97.4913



44.2763, 29.1115, 66.4251

Triad

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



35.9302, 29.1115, 97.4913



38.0337, 29.1115, 6.0535



14.0155, 29.1115, 28.9161

Complementary

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



35.9302, 29.1115, 97.4913



79.8503, 92.3606, 35.4505

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.



15.8411, 29.1115, 11.8466



35.9302, 29.1115, 97.4913



28.6828, 29.1115, 3.7947

Square

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



35.9302, 29.1115, 97.4913



45.6601, 29.1115, 14.6144



20.7834, 29.1115, 5.1516



15.1609, 29.1115, 58.6206

Rectangle

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



35.9302, 29.1115, 97.4913



47.5366, 29.1115, 44.2656



20.7834, 29.1115, 5.1516



14.2903, 29.1115, 21.7666

Sweetspot

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



35.9314, 29.1125, 97.4920



72.9166, 73.4523, 104.9423



62.5241, 82.8163, 104.7582



14.9591, 14.9440, 22.3460



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.



35.9314, 29.1125, 97.4920



29.6498, 21.4006, 97.1758



47.6198, 34.7322, 97.9607



17.0269, 17.4253, 22.7160



9.4655, 3.8405, 49.6770



0.9296, 0.3900, 4.8395

Inverse Universe

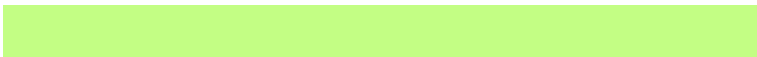
The Inverse Universe completely reimagines the original color for something new.



53.4285, 39.2962, 27.3239



49.2965, 32.9116, 18.3697



62.1223, 84.1571, 34.8015



18.0215, 17.9919, 18.7301



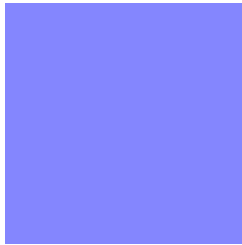
21.5659, 11.1157, 1.0988



2.1038, 1.0839, 0.1283

Previews

White Background



This preview shows how the XYZ color 35.9302, 29.1115, 97.4913 looks on a white background.

Color Contrast Check

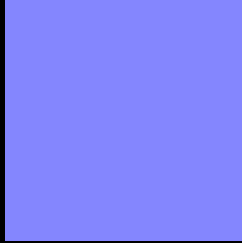
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.9302, 29.1115, 97.4913 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 35.9302, 29.1115, 97.4913

Background



This preview shows how black text looks on a background with the XYZ color 35.9302, 29.1115, 97.4913.



This preview shows how white text looks on a background with the XYZ color 35.9302, 29.1115,

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

35.9302, 29.1115, 97.4913

Protanopia

32.6963, 29.3517, 98.5499

Deuteranopia

30.3864, 29.3738, 95.3350



Tritanopia

24.5941, 29.0270, 40.8657

Trichromacy



Original Color

35.9302, 29.1115, 97.4913

Protanomaly

33.7348, 29.2274, 98.4712

Deuteranomaly

31.7075, 28.8973, 96.0020

Tritanomaly

27.9450, 28.7040, 58.1004

Monochromacy



Original Color

35.9302, 29.1115, 97.4913

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

29.6913, 28.6420, 50.4179

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9302, 29.1115, 97.4913 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(132, 134, 254)` looks like.

```
.text, #text, p{  
    color:rgb(132, 134, 254)  
}
```

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(132, 134, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 134, 254) }
```

Border

The CSS property to change the border of an element to XYZ 35.9302, 29.1115, 97.4913 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(132, 134, 254) }
```


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

```
.border{ border-color:rgb(132, 134, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 134, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 134, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 134, 254);  
box-shadow:4px 4px 4px 4px rgb(132, 134,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9302, 29.1115, 97.4913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 134, 254) }
```

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

```
.background{ background-color: rgb(132,  
134, 254) }
```

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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