

Converting Colors

XYZ(35.2384, 30.6131, 75.6652)

Have a look what the booklet for
XYZ(35.2384, 30.6131, 75.6652)
contains.

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Color

**XYZ(35.3183, 30.5431,
75.9854)**

Conversions

Conversions Part 1

Format	Color
Hex	948CE2
RGB	148, 140, 226
RGB Percent	58%, 55%, 89%
CMY	0.4196, 0.4510, 0.1137
CMYK	0.35, 0.38, 0.00, 0.11
HSL	246°, 60%, 72%
HSV	246°, 38%, 89%
XYZ	35.3183, 30.5431, 75.9854
YIQ	152.1960, -22.8380, 28.4420

Conversions

Conversions Part 2

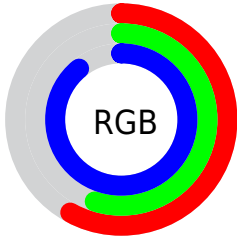
Format	Color
R_{YB}	148, 140, 226
Decimal	9735394
CIE _{Lab}	62.12, 22.74, -42.71
CIE _{LCh}	62, 48.387, 298.033
Yxy	30.5431, 0.2490, 0.2153
Android (android.graphics.Color)	4287925474 (0xFF948CE2)
YUV	152.1960, 36.3854, -3.6799
Hunter-Lab	55.2658, 17.3575, -42.8322

Details

The XYZ color **35.3183, 30.5431, 75.9854** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **60.8439, 71.1921, 35.3467**, and the grayscale version is **29.7855, 31.3366, 34.1256**.

A 20% lighter version of the original color is **62.2436, 58.6409, 102.6460**, and **15.5280, 12.5943, 39.6427** is the 20% darker color. If you saturate the color by 10%, you get **28.9638, 22.8586, 74.8376**, and if you desaturate by 10%, it is **43.0097, 39.9246, 77.3914**.

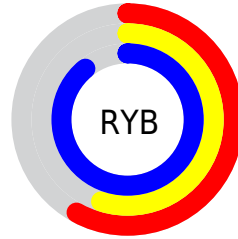
Distribution



Red (58%)

Green (55%)

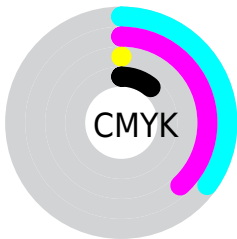
Blue (89%)



Red (58%)

Yellow (55%)

Blue (89%)

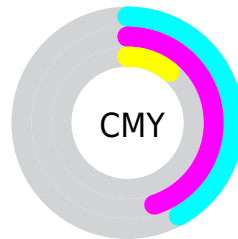


Cyan (35%)

Magenta (38%)

Yellow (0%)

Black (11%)



Cyan (42%)

Magenta (45%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3183, 30.5431, 75.9854 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 35.3183, 30.5431, 75.9854 by changing the saturation by 10% instead.

■ 35.3183, 30.5431,
75.9854

■ 35.3183, 30.5431,
75.9854

317.4545,
304.4278, 500.6432

■ 24.0758, 20.2512,
55.9140

■ 67.3094, 60.5200,
129.4662

■ 15.5149, 12.5778,
39.7304

■ 88.7886, 80.9738,
163.7126

■ 9.2702, 7.1384,
27.0162

■ 114.4109,
105.5836, 203.5210

■ 4.9764, 3.5488,
17.3529

144.5415,
134.7340, 249.3101

■ 2.2680, 1.4245,
10.3218

179.5459,
168.8091, 301.4983

■ 0.7782, 0.2347,
5.5044

219.7892,

■ 0.0000, 0.0000,

208.1936, 360.5042

2.4823

265.6370,
253.2717, 426.7463

■ 0.0000, 0.0000,
0.8308

■ 0.0000, 0.0000,
0.0000

■ 35.3183, 30.5431,
75.9854

■ 35.3183, 30.5431,
75.9854

■ 28.9638, 22.8586,
74.8376

■ 43.0097, 39.9246,
77.3914

■ 23.8664, 16.7663,
73.9303

■ 52.1049, 51.0926,
79.0677

■ 19.9430, 12.1548,
73.2470

■ 62.6705, 64.1346,
81.0282

■ 17.0989, 8.8971,
72.7681

■ 74.7678, 79.1313,
83.2852

■ 15.2246, 6.8447,
72.4708

■ 88.4545, 96.1585,
85.8504

■ 14.1767, 5.7935,
72.3231

■ 90.7276, 98.2710,
86.1384

■ 14.0374, 5.6507,
72.3029

Harmonies

Analogous

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



28.6029, 30.5431, 83.4772



35.3183, 30.5431, 75.9854



40.9943, 30.5431, 56.0698

Triad

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



35.3183, 30.5431, 75.9854



36.1729, 30.5431, 11.1752



18.2330, 30.5431, 32.0413

Complementary

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



35.3183, 30.5431, 75.9854



60.8439, 71.1921, 35.3467

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.



19.6549, 30.5431, 17.6609



35.3183, 30.5431, 75.9854



29.4619, 30.5431, 8.7573

Square

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



35.3183, 30.5431, 75.9854



41.5373, 30.5431, 19.0952



23.5368, 30.5431, 10.5912



19.3256, 30.5431, 53.1056

Rectangle

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



35.3183, 30.5431, 75.9854



43.0750, 30.5431, 41.2552



23.5368, 30.5431, 10.5912



18.4278, 30.5431, 26.3645

Sweetspot

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



35.3194, 30.5442, 75.9861



77.9973, 78.8810, 105.7224



49.8316, 61.6433, 81.2240



16.2814, 16.3734, 22.5522



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.



35.3194, 30.5442, 75.9861



39.4193, 31.6642, 98.6419



44.3833, 35.2169, 76.4103



13.0697, 13.3040, 17.2668



8.0516, 3.2460, 41.2505



0.5993, 0.2462, 2.8612

Inverse Universe

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



53.3977, 39.9878, 71.2339



66.6279, 45.8880, 91.0031



49.7977, 65.4976, 34.8297



14.2372, 13.9125, 17.0191



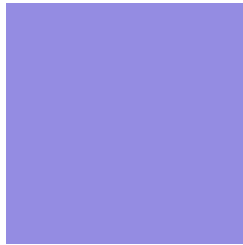
24.2018, 11.7477, 34.0579



1.6938, 0.8208, 2.4464

Previews

White Background



This preview shows how the XYZ color 35.3183, 30.5431, 75.9854 looks on a white background.

Color Contrast Check

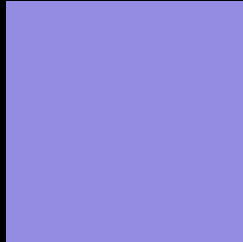
Large Text (above 18pt) WCAG AA × Fail

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 35.3183, 30.5431, 75.9854 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 ✓ Pass

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

XYZ 35.3183, 30.5431, 75.9854

Background



This preview shows how black text looks on a background with the XYZ color 35.3183, 30.5431, 75.9854.



This preview shows how white text looks on a background with the XYZ color 35.3183, 30.5431,

75.9854.

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

35.3183, 30.5431, 75.9854

Protanopia

32.6070, 30.6156, 80.5348

Deuteranopia

31.5381, 30.6586, 74.7765



Tritanopia

28.1744, 30.6500, 40.0284

Trichromacy



Original Color

35.3183, 30.5431, 75.9854

Protanomaly

33.4621, 30.4055, 78.9681

Deuteranomaly

32.7716, 30.5832, 75.4101

Tritanomaly

30.3748, 30.3431, 51.2696

Monochromacy



Original Color

35.3183, 30.5431, 75.9854

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

31.4891, 31.0138, 46.9744

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3183, 30.5431, 75.9854 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(148, 140, 226)` looks like.

```
.text, #text, p{  
    color:rgb(148, 140, 226)  
}
```

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(148, 140, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 140, 226) }
```

Border

The CSS property to change the border of an element to XYZ 35.3183, 30.5431, 75.9854 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(148, 140, 226) }
```


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

```
.border{ border-color:rgb(148, 140, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 140, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 140, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 140, 226);  
box-shadow:4px 4px 4px 4px rgb(148, 140,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3183, 30.5431, 75.9854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 140, 226) }
```

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

```
.background{ background-color: rgb(148,  
140, 226) }
```

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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