

Converting Colors

XYZ(35.2345, 30.5860, 75.9972)

Have a look what the booklet for
XYZ(35.2345, 30.5860, 75.9972)
contains.

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Color

**XYZ(35.1382, 30.4502,
75.9770)**

Conversions

Conversions Part 1

Format	Color
Hex	938CE2
RGB	147, 140, 226
RGB Percent	58%, 55%, 89%
CMY	0.4235, 0.4510, 0.1137
CMYK	0.35, 0.38, 0.00, 0.11
HSL	245°, 60%, 72%
HSV	245°, 38%, 89%
XYZ	35.1382, 30.4502, 75.9770
YIQ	151.8970, -23.4340, 28.2300

Conversions

Conversions Part 2

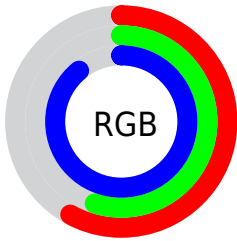
Format	Color
R_{YB}	147, 140, 226
Decimal	9669858
CIE _{Lab}	62.04, 22.47, -42.84
CIE _{LCh}	62, 48.376, 297.678
Yxy	30.4502, 0.2482, 0.2151
Android (android.graphics.Color)	4287859938 (0xFF938CE2)
YUV	151.8970, 36.5328, -4.2947
Hunter-Lab	55.1817, 17.0960, -43.0063

Details

The XYZ color **35.1382, 30.4502, 75.9770** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **61.1437, 71.3467, 35.3606**, and the grayscale version is **29.6563, 31.2008, 33.9776**.

A 20% lighter version of the original color is **61.9704, 58.5001, 102.6332**, and **15.4261, 12.5418, 39.6380** is the 20% darker color. If you saturate the color by 10%, you get **28.7760, 22.7618, 74.8289**, and if you desaturate by 10%, it is **42.8526, 39.8435, 77.3841**.

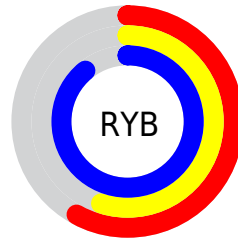
Distribution



Red (58%)

Green (55%)

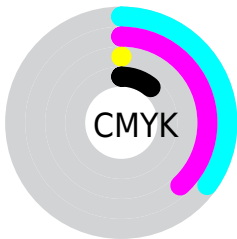
Blue (89%)



Red (58%)

Yellow (55%)

Blue (89%)

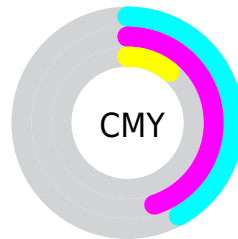


Cyan (35%)

Magenta (38%)

Yellow (0%)

Black (11%)



Cyan (42%)

Magenta (45%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1382, 30.4502, 75.9770 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 35.1382, 30.4502, 75.9770 by changing the saturation by 10% instead.

■ 35.1382, 30.4502,
75.9770

■ 35.1382, 30.4502,
75.9770

316.6753,
303.9973, 500.6137

■ 23.9364, 20.1806,
55.9071

■ 67.0324, 60.3734,
129.4542

■ 15.4109, 12.5264,
39.7250

■ 88.4555, 80.7958,
163.6986

■ 9.1965, 7.1032,
27.0120

■ 114.0164,
105.3712, 203.5048

■ 4.9277, 3.5267,
17.3497

144.0804,
134.4840, 249.2915

■ 2.2392, 1.4125,
10.3196

179.0130,
168.5186, 301.4773

■ 0.7633, 0.2259,
5.5030

219.1794,

■ 0.0000, 0.0000,

207.8594, 360.4805

2.4814

264.9450,
252.8909, 426.7198

■ 0.0000, 0.0000,
0.8303

■ 0.0000, 0.0000,
0.0000

■ 35.1382, 30.4502,
75.9770

■ 35.1382, 30.4502,
75.9770

■ 28.7760, 22.7618,
74.8289

■ 42.8526, 39.8435,
77.3841

■ 23.6846, 16.6725,
73.9219

■ 51.9874, 51.0319,
79.0622

■ 19.7793, 12.0703,
73.2394

■ 62.6104, 64.1035,
81.0254

■ 16.9632, 8.8271,
72.7618

■ 74.7841, 79.1395,
83.2860

■ 15.1243, 6.7930,
72.4661

■ 88.5672, 96.2165,
85.8557

■ 14.1161, 5.7622,
72.3203

■ 90.7276, 98.2710,
86.1384

■ 13.9845, 5.6235,
72.3004

Harmonies

Analogous

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



28.4391, 30.4502, 83.2597



35.1382, 30.4502, 75.9770



40.8283, 30.4502, 56.1866

Triad

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



35.1382, 30.4502, 75.9770



36.1448, 30.4502, 11.1868



18.1725, 30.4502, 31.7273

Complementary

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



35.1382, 30.4502, 75.9770



61.1437, 71.3467, 35.3606

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.



19.6205, 30.4502, 17.4747



35.1382, 30.4502, 75.9770



29.4508, 30.4502, 8.7226

Square

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



35.1382, 30.4502, 75.9770



41.4679, 30.4502, 19.1637



23.5207, 30.4502, 10.4992



19.2327, 30.4502, 52.6947

Rectangle

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



35.1382, 30.4502, 75.9770



42.9353, 30.4502, 41.3870



23.5207, 30.4502, 10.4992



18.3767, 30.4502, 26.0942

Sweetspot

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



35.1393, 30.4513, 75.9777



77.8931, 78.8273, 105.7175



50.2067, 62.3937, 81.3491



16.2568, 16.3607, 22.5510



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.



35.1393, 30.4513, 75.9777



39.1729, 31.5371, 98.6304



44.0266, 35.0329, 76.3936



13.0549, 13.2963, 17.2661



8.0177, 3.2286, 41.2490



0.5922, 0.2426, 2.8609

Inverse Universe

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



53.5289, 40.0403, 71.9249



66.8358, 45.9711, 92.0980



50.1231, 65.6653, 34.8449



14.2444, 13.9154, 17.0570



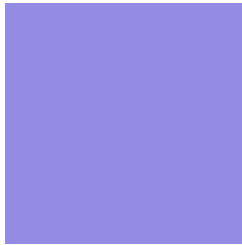
24.3816, 11.8196, 35.0047



1.7044, 0.8251, 2.5024

Previews

White Background



This preview shows how the XYZ color 35.1382, 30.4502, 75.9770 looks on a white background.

Color Contrast Check

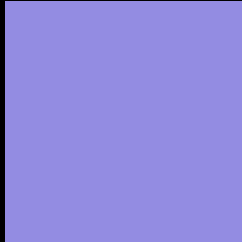
Large Text (above 18pt) WCAG AA × Fail

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 35.1382, 30.4502, 75.9770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

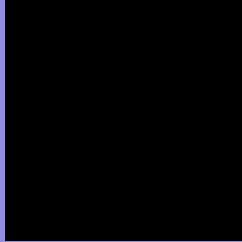
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.1382, 30.4502, 75.9770

Background



This preview shows how black text looks on a background with the XYZ color 35.1382, 30.4502, 75.9770.



This preview shows how white text looks on a background with the XYZ color 35.1382, 30.4502,

75.9770.

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

35.1382, 30.4502, 75.9770

Protanopia

32.6070, 30.6156, 80.5348

Deuteranopia

31.4045, 30.5897, 74.7702



Tritanopia

27.8556, 30.4856, 40.0135

Trichromacy



Original Color

35.1382, 30.4502, 75.9770

Protanomaly

33.3094, 30.3268, 78.9610

Deuteranomaly

32.6219, 30.5060, 75.4031

Tritanomaly

30.0408, 30.1709, 51.2540

Monochromacy



Original Color

35.1382, 30.4502, 75.9770

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

31.3043, 30.9185, 46.9658

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1382, 30.4502, 75.9770 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(147, 140, 226)` looks like.

```
.text, #text, p{  
    color:rgb(147, 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(147, 140, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 140, 226) }
```

Border

The CSS property to change the border of an element to XYZ 35.1382, 30.4502, 75.9770 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(147, 140, 226) }
```


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

```
.border{ border-color:rgb(147, 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(147, 140, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 140, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 140, 226);  
box-shadow:4px 4px 4px 4px rgb(147, 140,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1382, 30.4502, 75.9770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 140, 226) }
```

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

```
.background{ background-color: rgb(147,  
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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