

Converting Colors

XYZ(35.1064, 30.6517, 76.0176)

Have a look what the booklet for
XYZ(35.1064, 30.6517, 76.0176)
contains.

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Color

**XYZ(35.1064, 30.6517,
76.0176)**

Conversions

Conversions Part 1

Format	Color
Hex	928DE2
RGB	146, 141, 226
RGB Percent	57%, 55%, 89%
CMY	0.4274, 0.4470, 0.1137
CMYK	0.35, 0.38, 0.00, 0.11
HSL	244°, 59%, 72%
HSV	244°, 38%, 89%
XYZ	35.1064, 30.6517, 76.0176
YIQ	152.1850, -24.3050, 27.4950

Conversions

Conversions Part 2

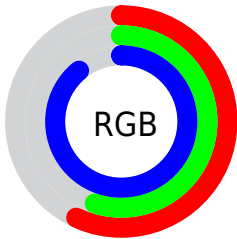
Format	Color
R _Y B	146, 141, 226
Decimal	9604578
CIE Lab	62.21, 21.62, -42.58
CIE LCh	62, 47.752, 296.924
Yxy	30.6517, 0.2476, 0.2162
Android (android.graphics.Color)	4287794658 (0xFF928DE2)
YUV	152.1850, 36.3908, -5.4242
Hunter-Lab	55.3640, 16.3002, -42.6534

Details

The XYZ color **35.1064, 30.6517, 76.0176** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **61.8232, 71.6884, 35.7791**, and the grayscale version is **29.7811, 31.3320, 34.1206**.

A 20% lighter version of the original color is **61.9222, 58.8068, 102.6949**, and **15.4104, 12.6598, 39.6616** is the 20% darker color. If you saturate the color by 10%, you get **28.6721, 22.8828, 74.8577**, and if you desaturate by 10%, it is **42.9263, 40.1453, 77.4385**.

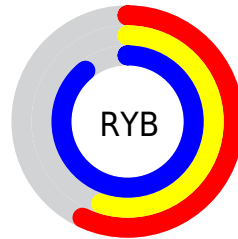
Distribution



Red (57%)

Green (55%)

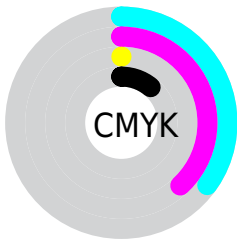
Blue (89%)



Red (57%)

Yellow (55%)

Blue (89%)

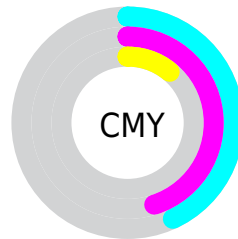


Cyan (35%)

Magenta (38%)

Yellow (0%)

Black (11%)



Cyan (43%)

Magenta (45%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1064, 30.6517, 76.0176 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 35.1064, 30.6517, 76.0176 by changing the saturation by 10% instead.

■ 35.1064, 30.6517,
76.0176

■ 35.1064, 30.6517,
76.0176

316.5375,
304.9305, 500.7564

■ 23.9117, 20.3338,
55.9402

■ 66.9835, 60.6913,
129.5121

■ 15.3925, 12.6379,
39.7513

■ 88.3967, 81.1817,
163.7663

■ 9.1835, 7.1797,
27.0324

■ 113.9467,
105.8318, 203.5831

■ 4.9191, 3.5747,
17.3649

143.9990,
135.0259, 249.3812

■ 2.2341, 1.4386,
10.3303

178.9188,
169.1484, 301.5790

■ 0.7606, 0.2449,
5.5100

219.0716,

■ 0.0000, 0.0000,

208.5838, 360.5951

2.4856

264.8228,
253.7163, 426.8481

■ 0.0000, 0.0000,
0.8325

■ 0.0000, 0.0000,
0.0000

■ 35.1064, 30.6517,
76.0176

■ 35.1064, 30.6517,
76.0176

■ 28.6721, 22.8828,
74.8577

■ 42.9263, 40.1453,
77.4385

■ 23.5392, 16.7318,
73.9410

■ 52.2026, 51.4549,
79.1325

■ 19.6199, 12.0852,
73.2507

■ 63.0053, 64.6697,
81.1139

■ 16.8138, 8.8137,
72.7671

■ 75.3988, 79.8717,
83.3949

■ 15.0045, 6.7658,
72.4672

■ 89.4440, 97.1384,
85.9875

■ 14.0429, 5.7406,
72.3200

■ 90.7276, 98.2710,
86.1385

■ 13.8980, 5.5789,
72.2964

Harmonies

Analogous

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



28.4742, 30.6517, 82.7727



35.1064, 30.6517, 76.0176



40.7871, 30.6517, 56.7045

Triad

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



35.1064, 30.6517, 76.0176



36.4256, 30.6517, 11.6088



18.4376, 30.6517, 31.5078

Complementary

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



35.1064, 30.6517, 76.0176



61.8232, 71.6884, 35.7791

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.



19.9424, 30.6517, 17.5234



35.1064, 30.6517, 76.0176



29.8029, 30.6517, 9.0140

Square

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



35.1064, 30.6517, 76.0176



41.6242, 30.6517, 19.7569



23.8797, 30.6517, 10.6930



19.4309, 30.6517, 52.1405

Rectangle

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



35.1064, 30.6517, 76.0176



42.9326, 30.6517, 42.0558



23.8797, 30.6517, 10.6930



18.6620, 30.6517, 25.9785

Sweetspot

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



35.1075, 30.6528, 76.0183



77.6911, 78.7232, 105.7081



50.7677, 63.2643, 81.4876



16.2091, 16.3361, 22.5488



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.



35.1075, 30.6528, 76.0183



39.4976, 32.2525, 98.7513



43.9307, 35.2014, 76.4312



13.0263, 13.2816, 17.2647



7.9611, 3.1994, 41.2463



0.5785, 0.2355, 2.8602

Inverse Universe

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



53.9407, 40.4398, 73.3691



67.6365, 46.8821, 94.4934



50.6531, 65.9301, 35.2564



14.2584, 13.9210, 17.1308



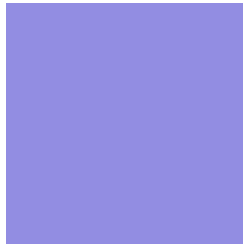
24.7393, 11.9627, 36.8883



1.7255, 0.8335, 2.6135

Previews

White Background



This preview shows how the XYZ color 35.1064, 30.6517, 76.0176 looks on a white background.

Color Contrast Check

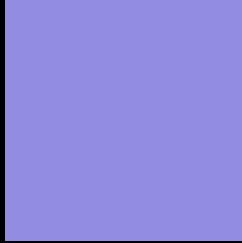
Large Text (above 18pt) WCAG AA × Fail

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 35.1064, 30.6517, 76.0176 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 35.1064, 30.6517, 76.0176

Background



This preview shows how black text looks on a background with the XYZ color 35.1064, 30.6517, 76.0176.



This preview shows how white text looks on a background with the XYZ color 35.1064, 30.6517,

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

35.1064, 30.6517, 76.0176

Protanopia

32.7449, 30.6867, 80.5412

Deuteranopia

31.5381, 30.6586, 74.7765



Tritanopia

28.1114, 30.8509, 40.5496

Trichromacy



Original Color

35.1064, 30.6517, 76.0176

Protanomaly

33.4616, 30.6311, 79.0117

Deuteranomaly

32.7716, 30.5832, 75.4101

Tritanomaly

30.3058, 30.5290, 51.8724

Monochromacy



Original Color

35.1064, 30.6517, 76.0176

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 35.1064, 30.6517, 76.0176 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(146, 141, 226)` looks like.

```
.text, #text, p{  
    color:rgb(146, 141, 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(146, 141, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 141, 226) }
```

Border

The CSS property to change the border of an element to XYZ 35.1064, 30.6517, 76.0176 is called "border". The border property can be set on classes, ids or directly on the HTML element.

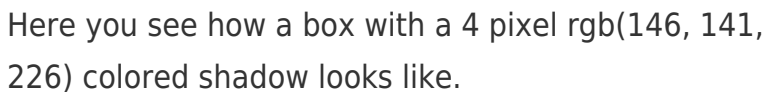
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(146, 141, 226) }
```


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

```
.border{ border-color:rgb(146, 141, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(146, 141, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 141, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 141, 226); box-shadow:4px 4px 4px 4px rgb(146, 141, 226) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1064, 30.6517, 76.0176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 141, 226) }
```

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

```
.background{ background-color: rgb(146,  
141, 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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