

Converting Colors

YUV(112.6030, 39.1427,
-1.4058)

Have a look what the booklet for
YUV(112.6030, 39.1427, -1.4058)
contains.

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Color

**YUV(112.6030, 39.1427,
-1.4058)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 6F62C0 |
| RGB | 111, 98, 192 |
| RGB Percent | 44%, 38%, 75% |
| CMY | 0.5647, 0.6157, 0.2471 |
| CMYK | 0.42, 0.49, 0.00, 0.25 |
| HSL | 248°, 43%, 57% |
| HSV | 248°, 49%, 75% |
| XYZ | 20.4377, 15.9206, 51.8650 |
| YIQ | 112.6030, -22.4260, 31.9900 |

Conversions

Conversions Part 2

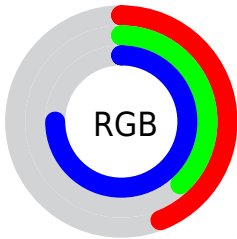
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 111, 98, 192 |
| Decimal | 7299776 |
| CIE Lab | 46.87, 28.56, -47.80 |
| CIE LCh | 47, 55.679, 300.856 |
| Yxy | 15.9206, 0.2317, 0.1805 |
| Android (android.graphics.Color) | 4285489856 (0xFF6F62C0) |
| YUV | 112.6030, 39.1427, -1.4058 |
| Hunter-Lab | 39.9007, 21.6039, -49.1377 |

Details

The YUV color **112.6030, 39.1427, -1.4058** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **177.3970, -39.1427, 1.4058**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.4830, 41.1739, 0.4534**, and **62.4130, 37.2644, -5.6242** is the 20% darker color. If you saturate the color by 10%, you get **96.3670, 47.1471, -2.0759**, and if you desaturate by 10%, it is **128.8390, 31.1384, -0.7358**.

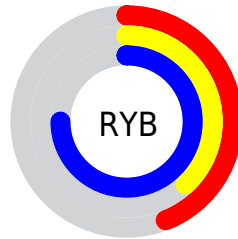
Distribution



Red (44%)

Green (38%)

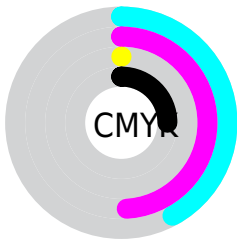
Blue (75%)



Red (44%)

Yellow (38%)

Blue (75%)

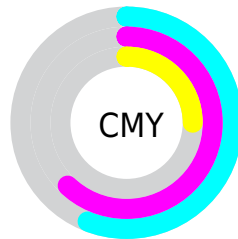


Cyan (42%)

Magenta (49%)

Yellow (0%)

Black (25%)



Cyan (56%)

Magenta (62%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.6030, 39.1427, -1.4058 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 YUV color 112.6030, 39.1427, -1.4058 by changing the saturation by 10% instead.

■ 112.6030, 39.1427,
-1.4058

■ 112.6030, 39.1427,
-1.4058

255.0000, 0.0000,
0.0000

■ 87.3640, 38.2745,
-2.9502

■ 165.4830, 41.1739,
0.4534

■ 62.4130, 37.2644,
-5.6242

■ 190.6870, 31.7063,
3.7825

■ 37.5540, 36.7019,
-11.8869

■ 215.2070, 19.6179,
7.7115

■ 15.2010, 35.3969,
-13.3313

■ 240.3140, 7.2402,
11.1256

■ 7.1820, 27.5183,
-6.2986

■ 6.3210, 16.6037,
-5.5435

■ 2.6390, 7.5730,

-2.3144

■ 0.0000, 0.0000,
0.0000

■ 112.6030, 39.1427,
-1.4058

■ 112.6030, 39.1427,
-1.4058

■ 96.3670, 47.1471,
-2.0759

■ 128.8390, 31.1384,
-0.7358

■ 80.4300, 55.0040,
-2.1311

■ 144.7760, 23.2814,
-0.6806

■ 63.6070, 63.2977,
-2.2863

■ 161.5990, 14.9877,
-0.5253

■ 47.6700, 71.1547,
-2.3416

■ 177.5360, 7.1308,
-0.4701

■ 31.4340, 79.1590,
-3.0116

■ 193.7720, -0.8736,
0.2000

■ 29.9610, 79.8852,
-2.5968

■ 209.7090, -8.7305,
0.2552

■ 225.9450,
-16.7349, 0.9252

■ 242.4690,
-24.8812, 0.4657

■ 247.8180,
-27.5183, 6.2986

Harmonies

Analogous

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



91.4620, 55.9742, -80.2122



112.6030, 39.1427, -1.4058



112.7420, 21.8192, 48.4613

Triad

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



112.6030, 39.1427, -1.4058



106.4990, -40.1790, 53.9364



90.1380, 10.2850, -79.0510

Complementary

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



112.6030, 39.1427, -1.4058



177.3970, -39.1427, 1.4058

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.



82.9050, -9.8132, -72.7077



112.6030, 39.1427, -1.4058



103.4510, -51.0013, 25.0375

Square

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



112.6030, 39.1427, -1.4058



106.3100, -19.8728, 74.2731



98.9670, -40.4097, -12.2491



95.4960, 30.8145, -83.7500

Rectangle

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



112.6030, 39.1427, -1.4058



108.6600, 9.5346, 68.7042



98.9670, -40.4097, -12.2491



88.3140, 3.2962, -77.4514

Sweetspot

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



112.6030, 39.1427, -1.4058



218.1260, 15.7139, -0.1105



156.2630, 17.6183, -51.0967



105.8180, 9.4567, 0.1596



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



112.6030, 39.1427, -1.4058



125.1510, 61.5506, -1.8864



126.6560, 32.2146, 27.4887



88.7380, 4.0732, 0.2298



24.9320, 67.0815, -2.5714



5.2570, 13.6773, -0.2254

Inverse Universe

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



135.3400, 21.5244, 49.6908



160.8440, 34.0939, 78.1898



163.3440, -32.2146, -27.4887



91.0160, 2.4571, 5.2480



63.8710, 36.5456, 85.1821



13.1730, 7.8027, 17.3883

Previews

White Background



This preview shows how the YUV color 112.6030, 39.1427, -1.4058 looks on a white 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

Black Background



This preview shows how the YUV color 112.6030, 39.1427, -1.4058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

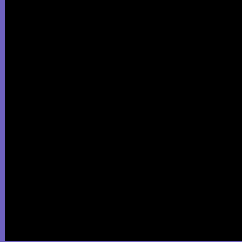
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 112.6030, 39.1427, -1.4058

Background



This preview shows how black text looks on a background with the YUV color 112.6030, 39.1427, -1.4058.



This preview shows how white text looks on a background with the YUV color 112.6030, 39.1427, -1.4058.

-1.4058.

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

112.6030, 39.1427, -1.4058

Protanopia

105.8590, 47.3975, -35.8333

Deuteranopia

103.4360, 42.1831, -43.3554



Tritanopia

109.0460, 6.8793, -13.1953

Trichromacy



Original Color

112.6030, 39.1427, -1.4058

Protanomaly

108.1380, 44.3020, -22.9230

Deuteranomaly

106.8940, 40.9713, -27.9710

Tritanomaly

110.1680, 18.6512, -8.9173

Monochromacy



Original Color

112.6030, 39.1427, -1.4058

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.0720, 14.2615, -0.9401

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.6030, 39.1427, -1.4058 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(111, 98, 192)` looks like.

```
.text, #text, p{  
    color:rgb(111, 98, 192)  
}
```

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(111, 98, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 98, 192) }
```

Border

The CSS property to change the border of an element to YUV 112.6030, 39.1427, -1.4058 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(111, 98, 192) }
```


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

```
.border{ border-color:rgb(111, 98, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 98, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 98, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 98, 192); box-shadow:4px 4px 4px 4px rgb(111, 98, 192) }
```

Background

The CSS property to change the background color of an element to YUV 112.6030, 39.1427, -1.4058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 98, 192) }
```

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

```
.background{ background-color: rgb(111, 98,  
192) }
```

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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