

Converting Colors

YUV(61.4970, 66.8030, -6.5749)

Have a look what the booklet for
YUV(61.4970, 66.8030, -6.5749)
contains.

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Color

**YUV(61.4970, 66.8030,
-6.5749)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 3627C5 |
| RGB | 54, 39, 197 |
| RGB Percent | 21%, 15%, 77% |
| CMY | 0.7882, 0.8471, 0.2275 |
| CMYK | 0.73, 0.80, 0.00, 0.23 |
| HSL | 246°, 67%, 46% |
| HSV | 246°, 80%, 77% |
| XYZ | 12.3249, 6.2665, 53.3833 |
| YIQ | 61.4970, -41.7780, 52.3180 |

Conversions

Conversions Part 2

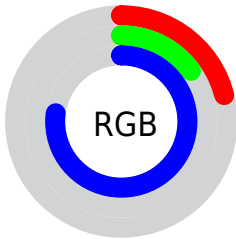
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 54, 39, 197 |
| Decimal | 3549125 |
| CIE _{Lab} | 30.08, 54.48, -78.26 |
| CIE _{LCh} | 30, 95.358, 304.840 |
| Yxy | 6.2665, 0.1712, 0.0871 |
| Android (android.graphics.Color) | 4281739205 (0xFF3627C5) |
| YUV | 61.4970, 66.8030, -6.5749 |
| Hunter-Lab | 25.0330, 44.0758, -108.9136 |

Details

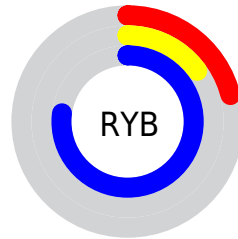
The YUV color **61.4970, 66.8030, -6.5749** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **174.5030, -66.8030, 6.5749**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.0900, 67.4966, 4.3061**, and **16.1880, 62.0253, -14.1969** is the 20% darker color. If you saturate the color by 10%, you get **44.3750, 75.2441, -7.3449**, and if you desaturate by 10%, it is **78.6190, 58.3618, -5.8049**.

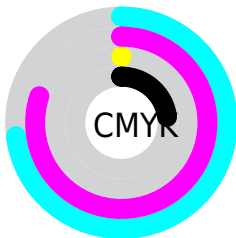
Distribution



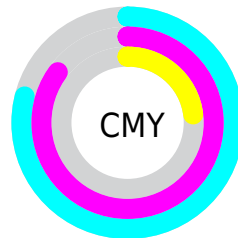
- Red (21%)
- Green (15%)
- Blue (77%)



- Red (21%)
- Yellow (15%)
- Blue (77%)



- Cyan (73%)
- Magenta (80%)
- Yellow (0%)
- Black (23%)



- Cyan (79%)
- Magenta (85%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.4970, 66.8030, -6.5749 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 61.4970, 66.8030, -6.5749 by changing the saturation by 10% instead.

■ 61.4970, 66.8030,
-6.5749

■ 61.4970, 66.8030,
-6.5749

■ 255.0000, 0.0000,
0.0000

■ 26.8970, 70.0568,
-23.5887

■ 118.0900, 67.4966,
4.3061

■ 16.1880, 62.0253,
-14.1969

■ 141.7350, 55.8396,
9.8794

■ 13.1100, 50.2318,
-11.4975

■ 166.8530, 43.4565,
15.0379

■ 12.4940, 37.7175,
-10.9572

■ 191.9710, 31.0733,
20.1964

■ 11.5190, 26.3661,
-10.1022

■ 216.7900, 18.8375,
24.7402

■ 6.5490, 17.4773,
-5.7435

■ 236.8030, 8.9711,

■ 2.8670, 8.4466,

15.9588

-2.5144

253.8260, 0.5788,
1.0296

■ 0.0000, 0.0000,
0.0000

■ 61.4970, 66.8030,
-6.5749

■ 61.4970, 66.8030,
-6.5749

■ 44.3750, 75.2441,
-7.3449

■ 78.6190, 58.3618,
-5.8049

■ 28.1390, 83.2485,
-8.0149

■ 95.1540, 50.2101,
-4.5201

■ 111.9770, 41.9163,
-4.3648

■ 129.0990, 33.4752,
-3.5948

■ 146.2210, 25.0340,
-2.8248

■ 162.7560, 16.8823,
-1.5400

■ 179.8780, 8.4411,
-0.7700

■ 197.0000, 0.0000,
0.0000

■ 213.2360, -8.0043,
0.6700

Harmonies

Analogous

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



73.1970, 74.8389, -64.1938



61.4970, 66.8030, -6.5749



63.6430, 35.6720, 85.3821

Triad

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



61.4970, 66.8030, -6.5749



60.9100, -30.0286, 64.9769



64.5260, 8.6147, -56.5893

Complementary

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



61.4970, 66.8030, -6.5749



174.5030, -66.8030, 6.5749

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.



54.0040, -26.6240, -47.3615



61.4970, 66.8030, -6.5749



65.8740, -32.4759, 9.7575

Square

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



61.4970, 66.8030, -6.5749



52.3250, -25.7962, 107.5860



51.0690, -25.1770, -44.7875



74.7230, 40.0696, -65.5321

Rectangle

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



61.4970, 66.8030, -6.5749



64.9340, 10.8785, 104.4209



51.0690, -25.1770, -44.7875



61.5620, -2.7421, -53.9899

Sweetspot

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



61.4970, 66.8030, -6.5749



202.7480, 25.7602, -2.4100



142.1270, 27.0524, -90.4424



96.1150, 15.7193, -1.8549



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



61.4970, 66.8030, -6.5749



44.8070, 103.6251, -10.3547



84.5200, 55.4526, 40.7630



91.0260, 3.9312, -0.8998



23.0670, 68.9870, -7.0748



5.0010, 15.2825, -1.7549

Inverse Universe

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



102.5440, 39.1718, 82.8379



108.5630, 60.8544, 128.4252



151.4800, -55.4526, -40.7630



93.7170, 2.6045, 4.6332



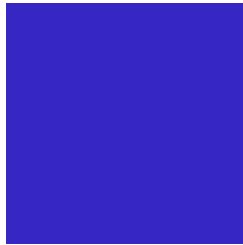
65.6090, 40.6188, 85.4119



14.4120, 8.6709, 18.9327

Previews

White Background



This preview shows how the YUV color 61.4970, 66.8030, -6.5749 looks on a white background.

Color Contrast Check

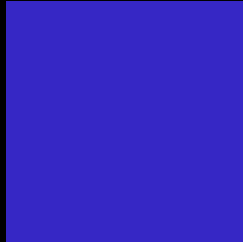
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 61.4970, 66.8030, -6.5749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

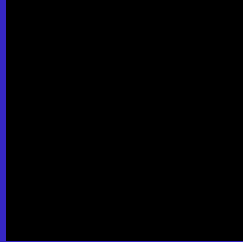
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.4970, 66.8030, -6.5749

Background



This preview shows how black text looks on a background with the YUV color 61.4970, 66.8030, -6.5749.



This preview shows how white text looks on a background with the YUV color 61.4970, 66.8030, -6.5749.

-6.5749.

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

61.4970, 66.8030, -6.5749

Protanopia

56.3320, 43.2203, -49.4032

Deuteranopia

56.7590, 32.1638, -49.7776



Tritanopia

55.8350, 13.3923, -48.9673

Trichromacy



Original Color

61.4970, 66.8030, -6.5749

Protanomaly

58.0210, 51.7546, -33.3444

Deuteranomaly

58.7730, 44.4819, -34.0039

Tritanomaly

57.6840, 32.6938, -33.0489

Monochromacy



Original Color

61.4970, 66.8030, -6.5749

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

60.9930, 24.1605, -2.6249

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.4970, 66.8030, -6.5749 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(54, 39, 197)` looks like.

```
.text, #text, p{  
    color:rgb(54, 39, 197)  
}
```

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(54, 39, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 39, 197) }
```

Border

The CSS property to change the border of an element to YUV 61.4970, 66.8030, -6.5749 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(54, 39, 197) }
```


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

```
.border{ border-color:rgb(54, 39, 197) }
```

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

Here you see how a box with a 4 pixel rgb(54, 39, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 39, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 39, 197);  
box-shadow:4px 4px 4px 4px rgb(54, 39,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 61.4970, 66.8030, -6.5749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 39, 197) }
```

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

```
.background{ background-color: rgb(54, 39,  
197) }
```

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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