

Converting Colors

YUV(61.6180, 59.8413,
-13.6970)

Have a look what the booklet for
YUV(61.6180, 59.8413, -13.6970)
contains.

YUV(61.6180, 59.8413, -13.6970)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(61.6180, 59.8413,
-13.6970)**

Conversions

Conversions Part 1

Format	Color
Hex	2E2EB7
RGB	46, 46, 183
RGB Percent	18%, 18%, 72%
CMY	0.8196, 0.8196, 0.2824
CMYK	0.75, 0.75, 0.00, 0.28
HSL	240°, 60%, 45%
HSV	240°, 75%, 72%
XYZ	10.6510, 5.9537, 45.3876
YIQ	61.6180, -43.9770, 42.6070

Conversions

Conversions Part 2

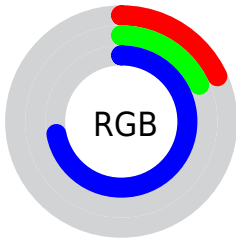
Format	Color
R_{YB}	46, 46, 183
Decimal	3026615
CIE _{Lab}	29.30, 45.82, -71.31
CIE _{LCh}	29, 84.758, 302.723
Yxy	5.9537, 0.1718, 0.0960
Android (android.graphics.Color)	4281216695 (0xFF2E2EB7)
YUV	61.6180, 59.8413, -13.6970
Hunter-Lab	24.4003, 35.2165, -93.2067

Details

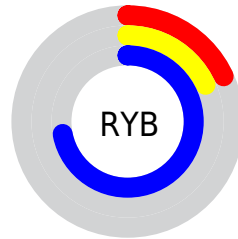
The YUV color **61.6180, 59.8413, -13.6970** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **167.3820, -59.8413, 13.6970**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.6240, 60.8244, -2.3012**, and **15.8800, 55.7682, -13.9268** is the 20% darker color. If you saturate the color by 10%, you get **45.6700, 67.7037, -15.4966**, and if you desaturate by 10%, it is **77.5660, 51.9790, -11.8974**.

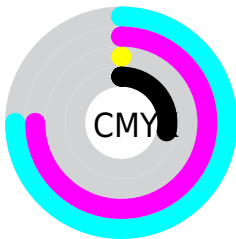
Distribution



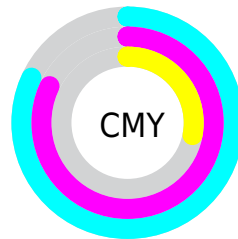
- Red (18%)
- Green (18%)
- Blue (72%)



- Red (18%)
- Yellow (18%)
- Blue (72%)



- Cyan (75%)
- Magenta (75%)
- Yellow (0%)
- Black (28%)



- Cyan (82%)
- Magenta (82%)
- Yellow (28%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.6180, 59.8413, -13.6970 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 61.6180, 59.8413, -13.6970 by changing the saturation by 10% instead.

■ 61.6180, 59.8413,
-13.6970

■ 61.6180, 59.8413,
-13.6970

■ 255.0000, 0.0000,
0.0000

■ 31.1710, 61.0477,
-27.3370

■ 116.6240, 60.8244,
-2.3012

■ 15.8800, 55.7682,
-13.9268

■ 141.9790, 55.7194,
1.7724

■ 11.7420, 44.9902,
-10.2977

■ 166.2110, 43.7730,
6.8310

■ 14.6480, 30.7395,
-12.8463

■ 191.0300, 31.5372,
11.3747

■ 9.0910, 22.1401,
-7.9728

■ 216.7350, 18.8646,
16.0184

■ 4.7080, 12.9620,
-4.1289

■ 239.1510, 7.8136,

■ 0.3420, 1.3104,

13.8996

-0.2999

■ 0.0000, 0.0000,
0.0000

■ 61.6180, 59.8413,
-13.6970

■ 61.6180, 59.8413,
-13.6970

■ 45.6700, 67.7037,
-15.4966

■ 77.5660, 51.9790,
-11.8974

■ 28.8360, 76.0029,
-17.3962

■ 94.4000, 43.6798,
-9.9978

■ 20.8620, 79.9340,
-18.2960

■ 110.3480, 35.8174,
-8.1982

■ 126.2960, 27.9551,
-6.3986

■ 143.1300, 19.6559,
-4.4990

■ 159.0780, 11.7935,
-2.6994

■ 175.0260, 3.9312,
-0.8998

■ 190.9740, -3.9312,
0.8998

■ 207.8080,
-12.2303, 2.7994

Harmonies

Analogous

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



69.7430, 66.6817, -61.1646



61.6180, 59.8413, -13.6970



58.5880, 35.6991, 76.6603

Triad

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



61.6180, 59.8413, -13.6970



59.4150, -29.2916, 61.9030



61.8530, 5.9885, -54.2451

Complementary

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



61.6180, 59.8413, -13.6970



167.3820, -59.8413, 13.6970

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.



52.2430, -25.7558, -45.8171



61.6180, 59.8413, -13.6970



64.4230, -31.7605, 13.6610

Square

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



61.6180, 59.8413, -13.6970



49.0360, -24.1747, 100.8234



48.7210, -24.0195, -42.7283



70.5510, 34.2384, -61.8732

Rectangle

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



61.6180, 59.8413, -13.6970



60.5630, 13.5264, 95.0992



48.7210, -24.0195, -42.7283



58.5300, -4.2053, -51.3308

Sweetspot

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



61.6180, 59.8413, -13.6970



190.9280, 22.7135, -5.1989



142.0370, 20.1948, -84.2244



92.5340, 13.5407, -3.0993



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



61.6180, 59.8413, -13.6970



48.2820, 93.0380, -21.2953



82.2490, 49.6702, 28.7226



84.0260, 3.9312, -0.8998



17.7840, 68.1405, -15.5966



3.1920, 12.2303, -2.7994

Inverse Universe

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



102.5810, 39.6466, 70.5275



111.9690, 61.6403, 109.6522



147.0500, -49.8176, -28.1078



86.7170, 2.6045, 4.6332



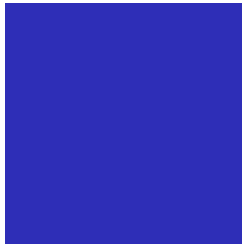
64.4280, 45.1450, 80.3086



11.5640, 8.1029, 14.4144

Previews

White Background



This preview shows how the YUV color 61.6180, 59.8413, -13.6970 looks on a white background.

Color Contrast Check

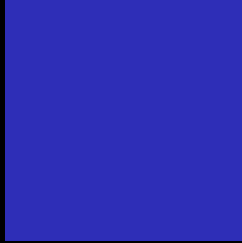
Large Text (above 18pt) WCAG AA ✓ Pass

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 61.6180, 59.8413, -13.6970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

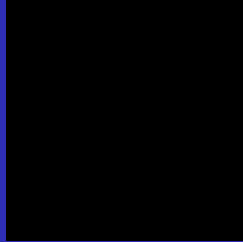
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.6180, 59.8413, -13.6970

Background



This preview shows how black text looks on a background with the YUV color 61.6180, 59.8413, -13.6970.



This preview shows how white text looks on a background with the YUV color 61.6180, 59.8413, -13.6970.

-13.6970.

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

61.6180, 59.8413, -13.6970

Protanopia

55.2890, 41.7625, -48.4885

Deuteranopia

55.2430, 31.4322, -48.4481



Tritanopia

54.4330, 13.0975, -47.7377

Trichromacy



Original Color

61.6180, 59.8413, -13.6970

Protanomaly

57.5000, 48.5605, -35.5185

Deuteranomaly

57.6650, 41.5772, -35.6632

Tritanomaly

57.2770, 29.9364, -35.3229

Monochromacy



Original Color

61.6180, 59.8413, -13.6970

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

61.7000, 21.8399, -4.9989

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.6180, 59.8413, -13.6970 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(46, 46, 183)` looks like.

```
.text, #text, p{  
    color:rgb(46, 46, 183)  
}
```

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(46, 46, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 46, 183) }
```

Border

The CSS property to change the border of an element to YUV 61.6180, 59.8413, -13.6970 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(46, 46, 183) }
```


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

```
.border{ border-color:rgb(46, 46, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 46, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 46, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 46, 183);  
box-shadow:4px 4px 4px 4px rgb(46, 46,  
183) }
```

Background

The CSS property to change the background color of an element to YUV 61.6180, 59.8413, -13.6970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 46, 183) }
```

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

```
.background{ background-color: rgb(46, 46,  
183) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor