

Converting Colors

YUV(169.6980, -59.5041,
-47.9701)

Have a look what the booklet for
YUV(169.6980, -59.5041, -47.9701)
contains.

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Color

**YUV(169.6980, -59.5041,
-47.9701)**

Conversions

Conversions Part 1

Format	Color
Hex	73DD31
RGB	115, 221, 49
RGB Percent	45%, 87%, 19%
CMY	0.5490, 0.1333, 0.8078
CMYK	0.48, 0.00, 0.78, 0.13
HSL	97°, 72%, 53%
HSV	97°, 78%, 87%
XYZ	33.4811, 55.5795, 11.8690
YIQ	169.6980, -7.9640, -75.9640

Conversions

Conversions Part 2

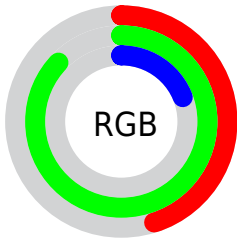
Format	Color
R_YB	49, 221, 155
Decimal	7593265
CIE Lab	79.37, -57.97, 68.90
CIE LCh	79, 90.044, 130.078
Yxy	55.5795, 0.3317, 0.5507
Android (android.graphics.Color)	4285783345 (0xFF73DD31)
YUV	169.6980, -59.5041, -47.9701
Hunter-Lab	74.5517, -50.3013, 42.7469

Details

The YUV color **169.6980, -59.5041, -47.9701** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark muted chartreuse. A complement of this color would be **100.3020, 59.5041, 47.9701**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.3220, -52.4167, -34.4854**, and **111.8050, -55.1199, -54.2030** is the 20% darker color. If you saturate the color by 10%, you get **163.0040, -67.0500, -54.3775**, and if you desaturate by 10%, it is **176.3920, -51.9583, -41.5628**.

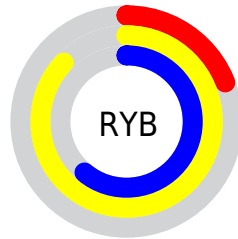
Distribution



Red (45%)

Green (87%)

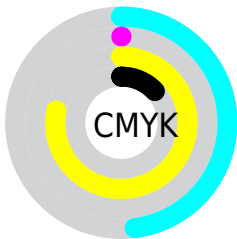
Blue (19%)



Red (19%)

Yellow (87%)

Blue (61%)

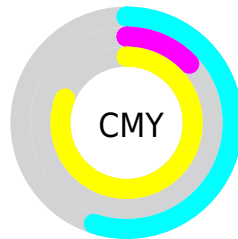


Cyan (48%)

Magenta (0%)

Yellow (78%)

Black (13%)



Cyan (55%)

Magenta (13%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.6980, -59.5041, -47.9701 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 169.6980, -59.5041, -47.9701 by changing the saturation by 10% instead.

■ 169.6980,
-59.5041, -47.9701

■ 169.6980,
-59.5041, -47.9701

255.0000, 0.0000,
0.0000

■ 138.5210,
-67.7979, -47.8149

■ 214.3220,
-52.4167, -34.4854

■ 111.8050,
-55.1199, -54.2030

■ 226.5980,
-44.1718, -18.9414

■ 81.0060, -39.9360,
-71.0423

■ 238.7600,
-36.3637, -3.2975

■ 65.7440, -32.4118,
-57.6575

■ 248.0460,
-26.6447, 6.0987

■ 50.4820, -24.8876,
-44.2727

■ 251.3520,
-13.9775, 3.1993

■ 35.8070, -17.6529,
-31.4027

254.7720, -0.8736,

■ 22.3060, -10.9969,

0.2000

-19.5624

■ 0.0000, 0.0000,
0.0000

■ 169.6980,
-59.5041, -47.9701

■ 169.6980,
-59.5041, -47.9701

■ 163.0040,
-67.0500, -54.3775

■ 176.3920,
-51.9583, -41.5628

■ 156.6090,
-74.7432, -60.1701

■ 182.7870,
-44.2650, -35.7702

■ 155.1420,
-76.4850, -61.5145

■ 189.4810,
-36.7191, -29.3628

■ 195.8760,
-29.0259, -23.5703

■ 202.5700,
-21.4800, -17.1629

■ 209.3780,
-13.4974, -10.8555

■ 215.7730, -5.8041,
-5.0629

■ 222.4670, 1.7418,
1.3444

■ 229.1610, 9.2876,
7.7518

Harmonies

Analogous

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



181.0650, -89.2650, 24.4990



169.6980, -59.5041, -47.9701



151.1010, -7.4448, -132.5156

Triad

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



169.6980, -59.5041, -47.9701



158.7970, 47.4281, -139.2650



157.4880, 7.1544, 85.5180

Complementary

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



169.6980, -59.5041, -47.9701



100.3020, 59.5041, 47.9701

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.



175.7550, 39.0678, 69.4979



169.6980, -59.5041, -47.9701



144.7090, 54.3735, -126.9098

Square

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



169.6980, -59.5041, -47.9701



165.2540, 44.2448, -144.9278



193.5430, 30.2983, 35.4808



164.8040, -35.8924, 79.1019

Rectangle

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



169.6980, -59.5041, -47.9701



159.4740, 17.0213, -139.8587



193.5430, 30.2983, 35.4808



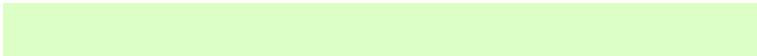
160.6800, 19.3848, 82.7186

Sweetspot

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



169.6980, -59.5041, -47.9701



237.5100, -20.4644, -16.2333



160.8890, -55.1613, 52.7173



117.0190, -12.3344, -10.5407



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.



169.6980, -59.5041, -47.9701



184.3280, -81.9997, -66.0627



151.9020, -42.3497, -90.2451



106.6530, -3.7729, -3.2037



121.5840, -59.9409, -47.8702



32.3840, -15.9653, -12.6148

Inverse Universe

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



100.3020, 59.5041, 47.9701



88.6720, 81.9997, 66.0627



118.0980, 42.3497, 90.2451



102.0480, 3.9203, 2.5889



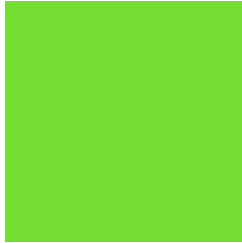
51.7150, 59.7935, 48.4849



13.6160, 15.9653, 12.6148

Previews

White Background



This preview shows how the YUV color 169.6980, -59.5041, -47.9701 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 YUV color 169.6980, -59.5041, -47.9701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

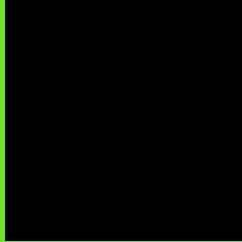
Any Text WCAG AA ✓ Pass

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](#).

YUV 169.6980, -59.5041, -47.9701 Background



This preview shows how black text looks on a background with the YUV color 169.6980, -59.5041, -47.9701.



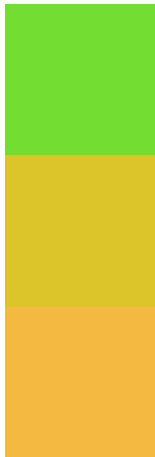
This preview shows how white text looks on a background with the YUV color 169.6980, -59.5041, -47.9701.

-47.9701.

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

169.6980, -59.5041, -47.9701

Protanopia

185.7340, -70.3679, 30.0513

Deuteranopia

188.9610, -61.1128, 48.2692



Tritanopia

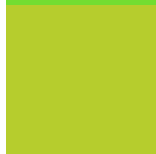
188.9870, 16.2754, -40.3306

Trichromacy



Original Color

169.6980, -59.5041, -47.9701



Protanomaly

179.8830, -66.4973, 1.8566



Deuteranomaly

181.8550, -60.5675, 13.2822



Tritanomaly

181.7500, -11.2157, -42.7537

Monochromacy



Original Color

169.6980, -59.5041, -47.9701



Achromatopsia

170.0000, 0.0000, 0.0000



Achromatomaly

170.1570, -21.7694, -17.6777

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.6980, -59.5041, -47.9701 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(115, 221, 49)` looks like.

```
.text, #text, p{  
    color:rgb(115, 221, 49)  
}
```

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(115, 221, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 221, 49) }
```

Border

The CSS property to change the border of an element to YUV 169.6980, -59.5041, -47.9701 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(115, 221, 49) }
```


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

```
.border{ border-color:rgb(115, 221, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 221, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 221, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 221, 49);  
box-shadow:4px 4px 4px 4px rgb(115, 221,  
49) }
```

Background

The CSS property to change the background color of an element to YUV 169.6980, -59.5041, -47.9701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 221, 49) }
```

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

```
.background{ background-color: rgb(115,  
221, 49) }
```

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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