

Converting Colors

YUV(169.6720, -49.6313,
5.5497)

Have a look what the booklet for
YUV(169.6720, -49.6313, 5.5497)
contains.

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Color

**YUV(169.6720, -49.6313,
5.5497)**

Conversions

Conversions Part 1

Format	Color
Hex	B0BA45
RGB	176, 186, 69
RGB Percent	69%, 73%, 27%
CMY	0.3098, 0.2706, 0.7294
CMYK	0.05, 0.00, 0.63, 0.27
HSL	65°, 46%, 50%
HSV	65°, 63%, 73%
XYZ	36.5376, 44.7776, 12.3474
YIQ	169.6720, 31.5970, -38.5070

Conversions

Conversions Part 2

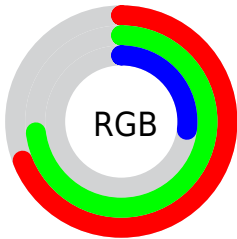
Format	Color
RYB	69, 186, 79
Decimal	11582021
CIELab	72.75, -18.97, 56.20
CIELCh	73, 59.317, 108.648
Yxy	44.7776, 0.3901, 0.4781
Android (android.graphics.Color)	4289772101 (0xFFB0BA45)
YUV	169.6720, -49.6313, 5.5497
Hunter-Lab	66.9161, -19.6383, 35.9010

Details

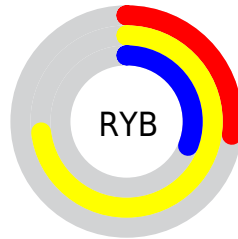
The YUV color **169.6720, -49.6313, 5.5497** is a dark color, and the websafe version is hex **CCCC66**. A complement of this color would be **85.3280, 49.6313, -5.5497**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.9280, -51.2365, 7.0791**, and **114.5210, -53.9939, 4.8051** is the 20% darker color. If you saturate the color by 10%, you get **166.9080, -57.6356, 6.2197**, and if you desaturate by 10%, it is **172.4360, -41.6269, 4.8796**.

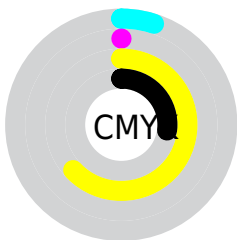
Distribution



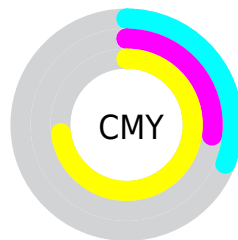
- Red (69%)
- Green (73%)
- Blue (27%)



- Red (27%)
- Yellow (73%)
- Blue (31%)



- Cyan (5%)
- Magenta (0%)
- Yellow (63%)
- Black (27%)



- Cyan (31%)
- Magenta (27%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.6720, -49.6313, 5.5497 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 169.6720, -49.6313, 5.5497 by changing the saturation by 10% instead.

■ 169.6720,
-49.6313, 5.5497

■ 169.6720,
-49.6313, 5.5497

■ 255.0000, 0.0000,
0.0000

■ 142.2590,
-49.9207, 5.0349

■ 225.9280,
-51.2365, 7.0791

■ 114.5210,
-53.9939, 4.8051

■ 243.0300,
-45.8638, 10.4977

■ 91.5020, -45.1105,
2.1907

■ 246.1080,
-34.0702, 7.7983

■ 69.6400, -34.3325,
-1.4383

■ 249.4140,
-21.4031, 4.8989

■ 48.3650, -23.8439,
-5.5821

■ 252.7200, -8.7360,
1.9996

■ 27.6770, -13.6448,
-10.2407

■ 9.9790, -4.9196,

-8.7516

■ 0.0000, 0.0000,
0.0000

■ 169.6720,
-49.6313, 5.5497

■ 169.6720,
-49.6313, 5.5497

■ 166.9080,
-57.6356, 6.2197

■ 172.4360,
-41.6269, 4.8796

■ 164.5570,
-65.3506, 7.4045

■ 174.7870,
-33.9120, 3.6948

■ 161.7930,
-73.3549, 8.0745

■ 177.5510,
-25.9076, 3.0248

■ 160.0120,
-78.8859, 8.7595

■ 179.9020,
-18.1927, 1.8399

■ 182.6660,
-10.1883, 1.1699

■ 185.4300, -2.1840,
0.4999

■ 187.7810, 5.5310,
-0.6849

■ 190.5450, 13.5353,
-1.3550

■ 192.8960, 21.2503,
-2.5398

Harmonies

Analogous

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



173.9420, -52.2294, 45.6549



169.6720, -49.6313, 5.5497



161.5700, -28.3820, -43.4729

Triad

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



169.6720, -49.6313, 5.5497



147.0570, 53.2159, -128.9690



177.3440, 12.1554, 68.1043

Complementary

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



169.6720, -49.6313, 5.5497



85.3280, 49.6313, -5.5497

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.



183.6400, 33.2085, 35.3957



169.6720, -49.6313, 5.5497



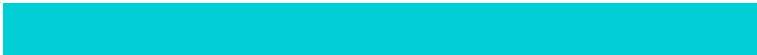
140.6000, 56.3992, -123.3062

Square

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



169.6720, -49.6313, 5.5497



144.5030, 33.2760, -126.7291



173.3890, 40.2342, -24.8972



170.4870, -11.5791, 74.1179

Rectangle

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



169.6720, -49.6313, 5.5497



146.7390, -4.8013, -93.6101



173.3890, 40.2342, -24.8972



181.6300, 18.4234, 64.3455

Sweetspot

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



169.6720, -49.6313, 5.5497



235.5600, -19.5031, 2.1399



109.8530, -20.1405, 66.7809



118.2100, -11.9355, 1.5698



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



169.6720, -49.6313, 5.5497



216.8810, -76.8493, 8.8744



152.3300, -41.0817, -30.1074



90.6750, -3.7838, 0.2850



134.0300, -66.0768, 6.9897



24.2100, -11.9355, 1.5698

Inverse Universe

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



85.3280, 49.6313, -5.5497



86.1190, 76.8493, -8.8744



102.6700, 41.0817, 30.1074



84.0260, 3.9312, -0.8998



21.6710, 66.2242, -7.6045



3.7900, 11.9355, -1.5698

Previews

White Background



This preview shows how the YUV color 169.6720, -49.6313, 5.5497 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 169.6720, -49.6313, 5.5497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

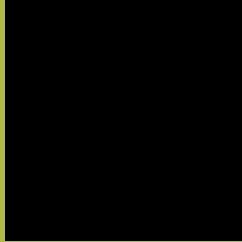
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 169.6720, -49.6313, 5.5497

Background



This preview shows how black text looks on a background with the YUV color 169.6720, -49.6313, 5.5497.



This preview shows how white text looks on a background with the YUV color 169.6720, -49.6313, 5.5497.

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

169.6720, -49.6313, 5.5497

Protanopia

172.2120, -51.8695, 23.4931

Deuteranopia

174.3050, -49.4504, 40.9515



Tritanopia

179.7820, 4.0515, 7.2072

Trichromacy



Original Color

169.6720, -49.6313, 5.5497

Protanomaly

171.6950, -51.1216, 16.9305

Deuteranomaly

172.8150, -49.7018, 28.2262

Tritanomaly

176.0320, -15.2988, 6.9879

Monochromacy



Original Color

169.6720, -49.6313, 5.5497

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

169.9020, -18.1927, 1.8399

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.6720, -49.6313, 5.5497 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(176, 186, 69)` looks like.

```
.text, #text, p{  
    color:rgb(176, 186, 69)  
}
```

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(176, 186, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 186, 69) }
```

Border

The CSS property to change the border of an element to YUV 169.6720, -49.6313, 5.5497 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(176, 186, 69) }
```


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

```
.border{ border-color:rgb(176, 186, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 186, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 186, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 186, 69);  
box-shadow:4px 4px 4px 4px rgb(176, 186,  
69) }
```

Background

The CSS property to change the background color of an element to YUV 169.6720, -49.6313, 5.5497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 186, 69) }
```

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

```
.background{ background-color: rgb(176,  
186, 69) }
```

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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