

Converting Colors

YUV(188.4650, -49.0362,
1.3462)

Have a look what the booklet for
YUV(188.4650, -49.0362, 1.3462)
contains.

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Color

**YUV(188.4650, -49.0362,
1.3462)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | BECF59 |
| RGB | 190, 207, 89 |
| RGB Percent | 75%, 81%, 35% |
| CMY | 0.2549, 0.1882, 0.6510 |
| CMYK | 0.08, 0.00, 0.57, 0.19 |
| HSL | 69°, 55%, 58% |
| HSV | 69°, 57%, 81% |
| XYZ | 45.3512, 56.2941, 17.9268 |
| YIQ | 188.4650, 27.7460, -40.3020 |

Conversions

Conversions Part 2

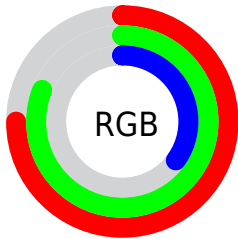
| Format | Color |
|-------------------------------------|------------------------------------------------|
| RYB | 89, 207, 106 |
| Decimal | 12504921 |
| CIELab | 79.78, -22.14, 55.52 |
| CIElCh | 80, 59.774, 111.740 |
| Yxy | 56.2941, 0.3793, 0.4708 |
| Android (android.graphics.Color) | 4290695001 (0xFFBECF59) |
| YUV | 188.4650, -49.0362, 1.3462 |
| Hunter-Lab | 75.0294, -23.4078, 38.3544 |

Details

The YUV color **188.4650, -49.0362, 1.3462** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted chartreuse. A complement of this color would be **107.5350, 49.0362, -1.3462**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.1390, -47.8895, 6.8941**, and **133.7530, -49.1782, 0.2166** is the 20% darker color. If you saturate the color by 10%, you get **185.1740, -57.7668, 1.6014**, and if you desaturate by 10%, it is **191.7560, -40.3057, 1.0910**.

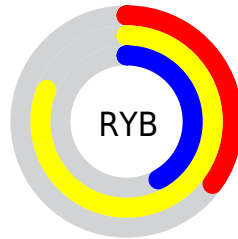
Distribution



Red (75%)

Green (81%)

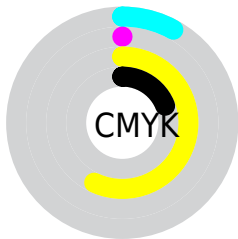
Blue (35%)



Red (35%)

Yellow (81%)

Blue (42%)

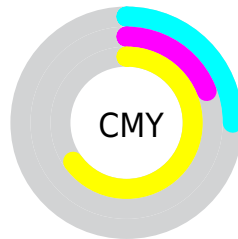


Cyan (8%)

Magenta (0%)

Yellow (57%)

Black (19%)



Cyan (25%)

Magenta (19%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.4650, -49.0362, 1.3462 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 188.4650, -49.0362, 1.3462 by changing the saturation by 10% instead.

■ 188.4650,
-49.0362, 1.3462

■ 188.4650,
-49.0362, 1.3462

255.0000, 0.0000,
0.0000

■ 160.5790,
-48.5994, 1.2462

■ 240.1390,
-47.8895, 6.8941

■ 133.7530,
-49.1782, 0.2166

■ 245.3100,
-37.1278, 8.4981

■ 106.5420,
-52.5252, 0.4017

■ 248.5020,
-24.8975, 5.6987

■ 83.7940, -41.3104,
-3.3273

■ 251.8080,
-12.2303, 2.7994

■ 62.2310, -30.6799,
-6.3416

■ 40.6570, -20.0439,
-11.1002

■ 19.9580, -9.8393,

-17.5032

■ 0.0000, 0.0000,
0.0000

■ 188.4650,
-49.0362, 1.3462

■ 188.4650,
-49.0362, 1.3462

■ 185.1740,
-57.7668, 1.6014

■ 191.7560,
-40.3057, 1.0910

■ 181.9970,
-66.0605, 1.7566

■ 194.9330,
-32.0120, 0.9358

■ 178.7060,
-74.7911, 2.0118

■ 198.2240,
-23.2814, 0.6806

■ 175.4150,
-83.5216, 2.2670

■ 201.5150,
-14.5509, 0.4253

■ 174.4320,
-85.9950, 2.2521

■ 204.8060, -5.8204,
0.1701

■ 207.9830, 2.4734,
0.0149

■ 211.2740, 11.2039,
-0.2403

■ 214.5650, 19.9345,
-0.4955

■ 215.4620, 19.4922,
1.3488

Harmonies

Analogous

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



193.1760, -53.8238, 43.6956



188.4650, -49.0362, 1.3462



179.6940, -26.4711, -49.7206

Triad

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



188.4650, -49.0362, 1.3462



158.2100, 47.7175, -138.7502



189.5060, 13.0615, 57.4382

Complementary

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



188.4650, -49.0362, 1.3462



107.5350, 49.0362, -1.3462

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.



202.4470, 25.9086, 43.4580



188.4650, -49.0362, 1.3462



151.1660, 51.1902, -132.5726

Square

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



188.4650, -49.0362, 1.3462



159.6800, 38.1188, -140.0394



192.6370, 30.7450, -14.5906



183.7090, -11.6885, 62.5222

Rectangle

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



188.4650, -49.0362, 1.3462



164.8030, -1.8749, -98.9282



192.6370, 30.7450, -14.5906



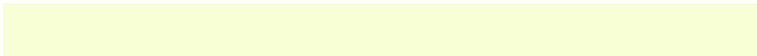
193.9060, 19.7663, 53.5794

Sweetspot

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



188.4650, -49.0362, 1.3462



248.3040, -17.8979, 0.6104



133.6740, -22.0243, 64.3069



123.8400, -10.7671, 0.1403



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.



188.4650, -49.0362, 1.3462



227.8030, -71.8809, 1.9268



171.1230, -40.4866, -34.3109



103.1480, -4.5100, -0.1298



141.6720, -69.8443, 2.0417



34.5320, -17.0243, 0.4104

Inverse Universe

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



107.5350, 49.0362, -1.3462



109.1970, 71.8809, -1.9268



124.8770, 40.4866, 34.3109



95.8520, 4.5100, 0.1298



26.3280, 69.8443, -2.0417



6.4680, 17.0243, -0.4104

Previews

White Background



This preview shows how the YUV color 188.4650, -49.0362, 1.3462 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 188.4650, -49.0362, 1.3462 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 188.4650, -49.0362, 1.3462 Background



This preview shows how black text looks on a background with the YUV color 188.4650, -49.0362, 1.3462.



This preview shows how white text looks on a background with the YUV color 188.4650, -49.0362, 1.3462.

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

188.4650, -49.0362, 1.3462

Protanopia

191.5110, -52.0169, 24.1079

Deuteranopia

194.0280, -49.3138, 43.8254



Tritanopia

198.5150, 5.6621, 3.9333

Trichromacy



Original Color

188.4650, -49.0362, 1.3462

Protanomaly

190.0970, -50.8268, 15.7009

Deuteranomaly

191.9290, -49.2650, 28.1263

Tritanomaly

194.9390, -14.2669, 2.6845

Monochromacy



Original Color

188.4650, -49.0362, 1.3462

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.3040, -17.8979, 0.6104

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.4650, -49.0362, 1.3462 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(190, 207, 89)` looks like.

```
.text, #text, p{  
    color:rgb(190, 207, 89)  
}
```

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(190, 207, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 207, 89) }
```

Border

The CSS property to change the border of an element to YUV 188.4650, -49.0362, 1.3462 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(190, 207, 89) }
```


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

```
.border{ border-color:rgb(190, 207, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 207, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 207, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 207, 89);  
box-shadow:4px 4px 4px 4px rgb(190, 207,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 188.4650, -49.0362, 1.3462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 207, 89) }
```

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

```
.background{ background-color: rgb(190,  
207, 89) }
```

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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