

Converting Colors

YUV(184.5420, -49.0742,
13.5567)

Have a look what the booklet for
YUV(184.5420, -49.0742, 13.5567)
contains.

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Color

**YUV(184.5420, -49.0742,
13.5567)**

Conversions

Conversions Part 1

Format	Color
Hex	C8C455
RGB	200, 196, 85
RGB Percent	78%, 77%, 33%
CMY	0.2157, 0.2314, 0.6667
CMYK	0.00, 0.02, 0.58, 0.22
HSL	58°, 51%, 56%
HSV	58°, 58%, 78%
XYZ	45.1990, 52.4151, 16.3292
YIQ	184.5420, 38.0150, -33.6730

Conversions

Conversions Part 2

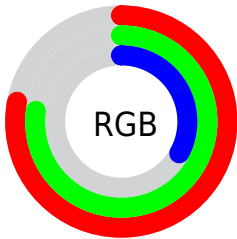
Format	Color
R _Y B	89, 200, 85
Decimal	13157461
CIE Lab	77.53, -12.87, 55.00
CIE LCh	78, 56.482, 103.169
Yxy	52.4151, 0.3967, 0.4600
Android (android.graphics.Color)	4291347541 (0xFFC8C455)
YUV	184.5420, -49.0742, 13.5567
Hunter-Lab	72.3983, -15.2574, 37.3061

Details

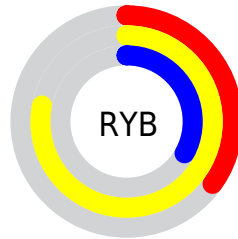
The YUV color **184.5420, -49.0742, 13.5567** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **100.4580, 49.0742, -13.5567**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.9010, -50.2372, 13.2418**, and **130.1180, -49.3582, 11.2975** is the 20% darker color. If you saturate the color by 10%, you get **181.6750, -57.5208, 16.0710**, and if you desaturate by 10%, it is **187.4090, -40.6276, 11.0423**.

Distribution



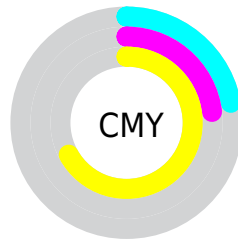
- Red (78%)
- Green (77%)
- Blue (33%)



- Red (35%)
- Yellow (78%)
- Blue (33%)



- Cyan (0%)
- Magenta (2%)
- Yellow (58%)
- Black (22%)



- Cyan (22%)
- Magenta (23%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 184.5420, -49.0742, 13.5567 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 184.5420, -49.0742, 13.5567 by changing the saturation by 10% instead.

■ 184.5420,
-49.0742, 13.5567

■ 184.5420,
-49.0742, 13.5567

255.0000, 0.0000,
0.0000

■ 157.0580,
-48.3426, 12.2271

■ 239.9010,
-50.2372, 13.2418

■ 130.1180,
-49.3582, 11.2975

■ 244.8540,
-38.8750, 8.8980

■ 103.3630,
-50.9580, 11.0826

■ 248.0460,
-26.6447, 6.0987

■ 81.2020, -40.0326,
6.8388

■ 251.2380,
-14.4143, 3.2993

■ 59.3400, -29.2546,
3.2098

254.6580, -1.3104,
0.2999

■ 38.9510, -19.2028,
-0.8340

■ 18.5400, -9.1402,

-8.3666

■ 0.0000, 0.0000,
0.0000

■ 184.5420,
-49.0742, 13.5567

■ 184.5420,
-49.0742, 13.5567

■ 181.6750,
-57.5208, 16.0710

■ 187.4090,
-40.6276, 11.0423

■ 179.3950,
-66.2567, 18.0706

■ 189.6890,
-31.8917, 9.0427

■ 176.5280,
-74.7033, 20.5849

■ 192.5560,
-23.4451, 6.5284

■ 173.6610,
-83.1499, 23.0993

■ 195.4230,
-14.9985, 4.0140

■ 173.0910,
-85.3339, 23.5992

■ 197.7030, -6.2626,
2.0145

■ 200.5700, 2.1840,
-0.4999

■ 203.4370, 10.6306,
-3.0142

■ 206.3040, 19.0771,
-5.5286

■ 207.4440, 23.4451,
-6.5284

Harmonies

Analogous

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



188.5990, -48.6093, 51.2177



184.5420, -49.0742, 13.5567



177.9090, -32.4931, -31.4922

Triad

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



184.5420, -49.0742, 13.5567



155.2750, 49.1644, -136.1762



190.3040, 16.1191, 56.7384

Complementary

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



184.5420, -49.0742, 13.5567



100.4580, 49.0742, -13.5567

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.



195.5480, 29.3098, 25.8294



184.5420, -49.0742, 13.5567



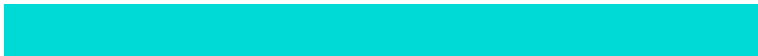
149.4050, 52.0583, -131.0282

Square

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



184.5420, -49.0742, 13.5567



152.3620, 30.3875, -133.6215



183.3680, 35.3146, -33.6487



181.9140, -5.8736, 64.0964

Rectangle

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



184.5420, -49.0742, 13.5567



169.3140, -13.4658, -67.8044



183.3680, 35.3146, -33.6487



195.1770, 22.0977, 52.4648

Sweetspot

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



184.5420, -49.0742, 13.5567



248.9240, -18.2035, 5.3287



120.0690, -14.3310, 70.0995



124.4490, -11.0674, 3.1142



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.



184.5420, -49.0742, 13.5567



231.4140, -75.1401, 20.6849



171.3420, -42.5666, -20.4709



97.9740, -3.9312, 0.8998



141.4830, -69.7511, 18.8704



30.7220, -15.1459, 4.6288

Inverse Universe

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



100.4580, 49.0742, -13.5567



102.5860, 75.1401, -20.6849



113.6580, 42.5666, 20.4709



91.0260, 3.9312, -0.8998



22.1040, 69.4617, -19.3852



4.6910, 15.4353, -4.1140

Previews

White Background



This preview shows how the YUV color 184.5420, -49.0742, 13.5567 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 184.5420, -49.0742, 13.5567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

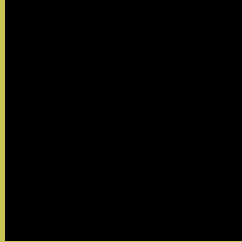
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 184.5420, -49.0742, 13.5567

Background



This preview shows how black text looks on a background with the YUV color 184.5420, -49.0742, 13.5567.



This preview shows how white text looks on a background with the YUV color 184.5420, -49.0742, 13.5567.

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

184.5420, -49.0742, 13.5567

Protanopia

185.9670, -50.2697, 23.7079

Deuteranopia

187.8430, -48.7296, 43.1107



Tritanopia

193.7830, 2.5720, 15.0993

Trichromacy



Original Color

184.5420, -49.0742, 13.5567

Protanomaly

185.0590, -49.8221, 20.1193

Deuteranomaly

186.7770, -48.6971, 32.6446

Tritanomaly

190.2610, -15.9047, 14.6801

Monochromacy



Original Color

184.5420, -49.0742, 13.5567

Achromatopsia

185.0000, 0.0000, 0.0000

Achromatomaly

184.7390, -17.6193, 4.6139

CSS Examples

Text

The CSS property to change the color of the text to YUV 184.5420, -49.0742, 13.5567 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(200, 196, 85)` looks like.

```
.text, #text, p{  
    color:rgb(200, 196, 85)  
}
```

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(200, 196, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 196, 85) }
```

Border

The CSS property to change the border of an element to YUV 184.5420, -49.0742, 13.5567 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(200, 196, 85) }
```


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

```
.border{ border-color:rgb(200, 196, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 196, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 196, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 196, 85);  
box-shadow:4px 4px 4px 4px rgb(200, 196,  
85) }
```

Background

The CSS property to change the background color of an element to YUV 184.5420, -49.0742, 13.5567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 196, 85) }
```

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

```
.background{ background-color: rgb(200,  
196, 85) }
```

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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