

Converting Colors

YUV(189.3900, -48.5063,
18.0750)

Have a look what the booklet for
YUV(189.3900, -48.5063, 18.0750)
contains.

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Color

**YUV(189.3900, -48.5063,
18.0750)**

Conversions

Conversions Part 1

Format	Color
Hex	D2C65B
RGB	210, 198, 91
RGB Percent	82%, 78%, 36%
CMY	0.1765, 0.2235, 0.6431
CMYK	0.00, 0.06, 0.57, 0.18
HSL	54°, 57%, 59%
HSV	54°, 57%, 82%
XYZ	48.6608, 54.8451, 17.9190
YIQ	189.3900, 41.4990, -30.7330

Conversions

Conversions Part 2

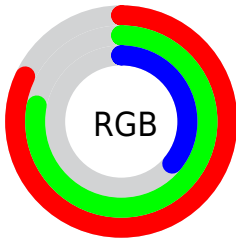
Format	Color
RYB	104, 210, 91
Decimal	13813339
CIELab	78.95, -9.28, 54.11
CIELCh	79, 54.900, 99.737
Yxy	54.8451, 0.4007, 0.4517
Android (android.graphics.Color)	4292003419 (0xFFD2C65B)
YUV	189.3900, -48.5063, 18.0750
Hunter-Lab	74.0575, -12.3141, 37.4944

Details

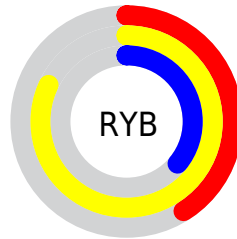
The YUV color **189.3900, -48.5063, 18.0750** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **111.6100, 48.5063, -18.0750**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.3460, -48.4846, 11.0976**, and **134.6070, -47.6273, 16.1307** is the 20% darker color. If you saturate the color by 10%, you get **185.8220, -57.1002, 21.2041**, and if you desaturate by 10%, it is **192.9580, -39.9123, 14.9458**.

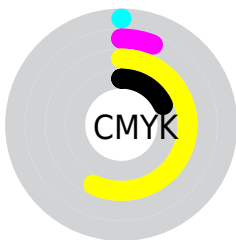
Distribution



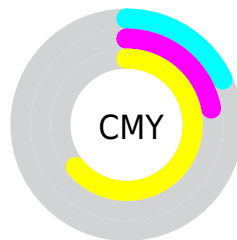
- Red (82%)
- Green (78%)
- Blue (36%)



- Red (41%)
- Yellow (82%)
- Blue (36%)



- Cyan (0%)
- Magenta (6%)
- Yellow (57%)
- Black (18%)



- Cyan (18%)
- Magenta (22%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.3900, -48.5063, 18.0750 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 189.3900, -48.5063, 18.0750 by changing the saturation by 10% instead.

■ 189.3900,
-48.5063, 18.0750

■ 189.3900,
-48.5063, 18.0750

255.0000, 0.0000,
0.0000

■ 161.9060,
-47.7747, 16.7454

■ 242.3460,
-48.4846, 11.0976

■ 134.6070,
-47.6273, 16.1307

■ 245.5380,
-36.2542, 8.2982

■ 107.4560,
-51.9898, 15.3861

■ 248.7300,
-24.0239, 5.4988

■ 84.4800, -41.6486,
11.8570

■ 252.0360,
-11.3567, 2.5994

■ 63.2050, -31.1601,
7.7132

■ 42.5170, -20.9609,
3.0546

■ 23.0140, -11.3459,

-0.8893

■ 0.0000, 0.0000,
0.0000

■ 189.3900,
-48.5063, 18.0750

■ 189.3900,
-48.5063, 18.0750

■ 185.8220,
-57.1002, 21.2041

■ 192.9580,
-39.9123, 14.9458

■ 182.2540,
-65.6942, 24.3332

■ 196.5260,
-31.3183, 11.8167

■ 178.6860,
-74.2882, 27.4624

■ 200.0940,
-22.7243, 8.6876

■ 175.1180,
-82.8822, 30.5915

■ 203.6620,
-14.1304, 5.5584

■ 173.7330,
-85.6504, 31.8062

■ 207.8170, -5.8258,
1.9145

■ 211.3850, 2.7682,
-1.2146

■ 214.9530, 11.3622,
-4.3438

■ 218.0650, 18.2090,
-7.0730

■ 219.2390, 17.6302,
-8.1026

Harmonies

Analogous

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



193.1910, -46.4362, 54.2065



189.3900, -48.5063, 18.0750



183.1980, -34.1146, -24.7296

Triad

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



189.3900, -48.5063, 18.0750



157.6230, 48.0069, -138.2354



195.4390, 18.0246, 52.2350

Complementary

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



189.3900, -48.5063, 18.0750



111.6100, 48.5063, -18.0750

Split Complementary

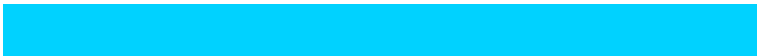
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



198.4610, 27.8737, 19.7667



189.3900, -48.5063, 18.0750



152.3400, 50.6114, -133.6022

Square

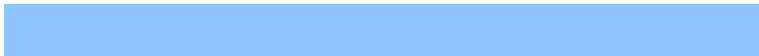
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



189.3900, -48.5063, 18.0750



154.3680, 27.9196, -135.3807



185.3950, 34.3153, -39.8114



186.6900, -2.8052, 59.9079

Rectangle

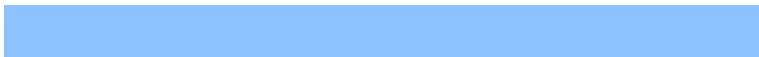
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



189.3900, -48.5063, 18.0750



176.1580, -16.8399, -58.8976



185.3950, 34.3153, -39.8114



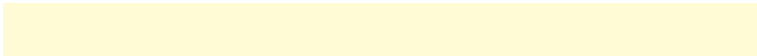
200.1980, 23.5664, 48.0614

Sweetspot

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



189.3900, -48.5063, 18.0750



247.7500, -17.6247, 6.3582



128.1770, -11.4263, 71.7588



123.2750, -10.4886, 4.1438



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.



189.3900, -48.5063, 18.0750



225.2990, -70.6464, 26.0478



182.6800, -45.1982, -16.3824



102.5720, -4.2260, 2.1294



138.8690, -68.4624, 25.5479



33.9780, -16.7512, 6.1583

Inverse Universe

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



111.6100, 48.5063, -18.0750



111.7010, 70.6464, -26.0478



118.3200, 45.1982, 16.3824



95.8410, 4.5154, -1.6146



29.1310, 68.4624, -25.5479



7.0220, 16.7512, -6.1583

Previews

White Background



This preview shows how the YUV color 189.3900, -48.5063, 18.0750 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 189.3900, -48.5063, 18.0750 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 189.3900, -48.5063, 18.0750 Background



This preview shows how black text looks on a background with the YUV color 189.3900, -48.5063, 18.0750.



This preview shows how white text looks on a background with the YUV color 189.3900, -48.5063, 18.0750.

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

189.3900, -48.5063, 18.0750

Protanopia

190.1950, -49.3961, 23.5080

Deuteranopia

191.9570, -48.2928, 43.0107



Tritanopia

197.8760, 1.5401, 19.4027

Trichromacy



Original Color

189.3900, -48.5063, 18.0750

Protanomaly

189.8850, -49.2433, 21.1489

Deuteranomaly

190.9020, -48.2657, 34.2889

Tritanomaly

194.4680, -16.4997, 18.8836

Monochromacy



Original Color

189.3900, -48.5063, 18.0750

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

189.0490, -17.7722, 6.9730

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.3900, -48.5063, 18.0750 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(210, 198, 91)` looks like.

```
.text, #text, p{  
    color:rgb(210, 198, 91)  
}
```

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(210, 198, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 198, 91) }
```

Border

The CSS property to change the border of an element to YUV 189.3900, -48.5063, 18.0750 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(210, 198, 91) }
```


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

```
.border{ border-color:rgb(210, 198, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 198, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 198, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 198, 91);  
box-shadow:4px 4px 4px 4px rgb(210, 198,  
91) }
```

Background

The CSS property to change the background color of an element to YUV 189.3900, -48.5063, 18.0750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 198, 91) }
```

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

```
.background{ background-color: rgb(210,  
198, 91) }
```

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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