

# Converting Colors

YUV(190.7500, -54.5998,  
12.4972)

Have a look what the booklet for  
YUV(190.7500, -54.5998, 12.4972)  
contains.

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# Color

**YUV(190.7500, -54.5998,  
12.4972)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDCD50
RGB	205, 205, 80
RGB Percent	80%, 80%, 31%
CMY	0.1961, 0.1961, 0.6863
CMYK	0.00, 0.00, 0.61, 0.20
HSL	60°, 56%, 56%
HSV	60°, 61%, 80%
XYZ	48.4561, 57.2210, 16.0803
YIQ	190.7500, 40.1250, -38.8750

# Conversions

## Conversions Part 2

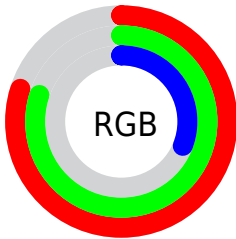
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	80, 205, 80
Decimal	13487440
CIE <sub>Lab</sub>	80.30, -15.67, 60.32
CIE <sub>LCh</sub>	80, 62.328, 104.564
Yxy	57.2210, 0.3980, 0.4700
Android (android.graphics.Color)	4291677520 (0xFFCDCD50)
YUV	190.7500, -54.5998, 12.4972
Hunter-Lab	75.6445, -18.0350, 40.3475

# Details

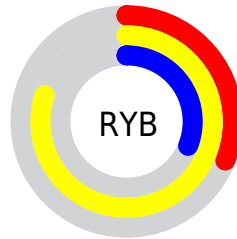
The YUV color **190.7500, -54.5998, 12.4972** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **94.2500, 54.5998, -12.4972**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.2060, -52.8526, 12.0973**, and **135.1690, -56.7783, 11.2528** is the 20% darker color. If you saturate the color by 10%, you get **188.4700, -63.3357, 14.4968**, and if you desaturate by 10%, it is **193.1440, -45.4270, 10.3977**.

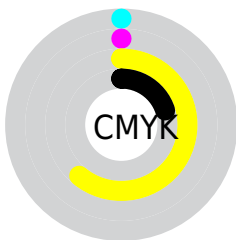
# Distribution



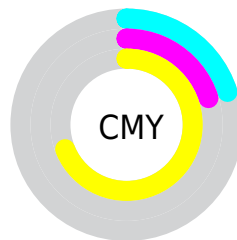
- Red (80%)
- Green (80%)
- Blue (31%)



- Red (31%)
- Yellow (80%)
- Blue (31%)



- Cyan (0%)
- Magenta (0%)
- Yellow (61%)
- Black (20%)



- Cyan (20%)
- Magenta (20%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 190.7500, -54.5998, 12.4972 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 190.7500, -54.5998, 12.4972 by changing the saturation by 10% instead.



■ 190.7500,  
-54.5998, 12.4972

■ 190.7500,  
-54.5998, 12.4972

255.0000, 0.0000,  
0.0000

■ 163.0380,  
-54.7417, 11.3677

■ 241.2060,  
-52.8526, 12.0973

■ 135.1690,  
-56.7783, 11.2528

■ 244.3980,  
-40.6222, 9.2980

■ 109.2550,  
-53.8627, 9.4234

■ 247.5900,  
-28.3919, 6.4986

■ 86.5070, -42.6480,  
5.6944

■ 250.8960,  
-15.7247, 3.5992

■ 65.2320, -32.1594,  
1.5505

■ 254.2020, -3.0576,  
0.6998

■ 43.6580, -21.5234,  
-3.2081

■ 23.8560, -11.7610,

-7.7667

■ 1.1740, -0.5788,  
-1.0296

■ 0.0000, 0.0000,  
0.0000

■ 190.7500,  
-54.5998, 12.4972

■ 190.7500,  
-54.5998, 12.4972

■ 188.4700,  
-63.3357, 14.4968

■ 193.1440,  
-45.4270, 10.3977

■ 186.0760,  
-72.5085, 16.5963

■ 195.4240,  
-36.6910, 8.3982

■ 183.7960,  
-81.2444, 18.5959

■ 197.8180,  
-27.5183, 6.2986

■ 181.6300,  
-89.5436, 20.4955

■ 200.0980,  
-18.7823, 4.2991

■ 202.4920, -9.6096,  
2.1995

■ 204.7720, -0.8736,  
0.2000

■ 207.1660, 8.2992,  
-1.8996

■ 209.4460, 17.0351,  
-3.8991

■ 210.7000, 21.8399,  
-4.9989

# Harmonies

## Analogous

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



194.4160, -54.4351, 53.1322



190.7500, -54.5998, 12.4972



183.2950, -34.6554, -37.9697

# Triad

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



190.7500, -54.5998, 12.4972



161.1450, 46.2705, -141.3242



192.5040, 19.4715, 54.8090

# Complementary

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



190.7500, -54.5998, 12.4972



94.2500, 54.5998, -12.4972

# 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.



201.7940, 26.2306, 33.5067



190.7500, -54.5998, 12.4972



154.6880, 49.4538, -135.6614

# Square

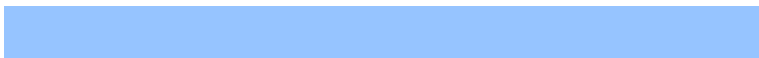
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



190.7500, -54.5998, 12.4972



159.7140, 33.1720, -140.0692



188.9720, 32.5518, -34.1784



183.4300, -5.1420, 62.7669



# Rectangle

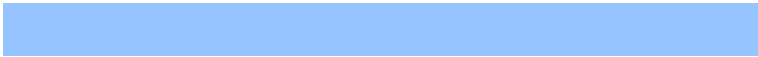
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



190.7500, -54.5998, 12.4972



171.5680, -12.1120, -82.0591



188.9720, 32.5518, -34.1784



197.4910, 25.8869, 50.4354

# Sweetspot

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



190.7500, -54.5998, 12.4972



249.7560, -20.0927, 4.5990



117.3750, -18.4259, 76.8471



124.6940, -12.6671, 2.8994



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.



190.7500, -54.5998, 12.4972



233.7960, -81.2444, 18.5959



172.2120, -45.4605, -25.6189



100.8600, -4.3680, 0.9998



147.0760, -72.5085, 16.5963



33.6680, -16.5983, 3.7992



# Inverse Universe

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



94.2500, 54.5998, -12.4972



90.2040, 81.2444, -18.5959



113.0870, 45.3131, 26.2337



93.1400, 4.3680, -0.9998



18.9240, 72.5085, -16.5963



4.3320, 16.5983, -3.7992



# Previews

## White Background



This preview shows how the YUV color 190.7500, -54.5998, 12.4972 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 190.7500, -54.5998, 12.4972 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

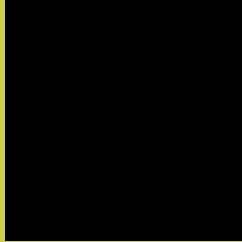
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 190.7500, -54.5998, 12.4972

## Background



This preview shows how black text looks on a background with the YUV color 190.7500, -54.5998, 12.4972.



This preview shows how white text looks on a background with the YUV color 190.7500, -54.5998, 12.4972.



# 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

190.7500, -54.5998, 12.4972

### Protanopia

192.0830, -56.2429, 26.2372

### Deuteranopia

194.4860, -53.9766, 46.0548



## Tritanopia

201.1850, 2.8668, 13.8698

# Trichromacy



## Original Color

190.7500, -54.5998, 12.4972

## Protanomaly

191.5770, -55.5005, 21.4190

## Deuteranomaly

193.2950, -54.3754, 33.9443

## Tritanomaly

197.6800, -18.0832, 13.4356

# Monochromacy



## Original Color

190.7500, -54.5998, 12.4972

## Achromatopsia

191.0000, 0.0000, 0.0000

## Achromatomaly

190.8700, -19.6559, 4.4990

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 190.7500, -54.5998, 12.4972 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(205, 205, 80)` looks like.

```
.text, #text, p{  
    color:rgb(205, 205, 80)  
}
```

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(205, 205, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 205, 80) }
```

## Border

The CSS property to change the border of an element to YUV 190.7500, -54.5998, 12.4972 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(205, 205, 80) }
```



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

```
.border{ border-color:rgb(205, 205, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 205, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 205, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 205, 80);  
box-shadow:4px 4px 4px 4px rgb(205, 205,  
80) }
```

# Background

The CSS property to change the background color of an element to YUV 190.7500, -54.5998, 12.4972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 205, 80) }
```

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

```
.background{ background-color: rgb(205,  
205, 80) }
```

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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