

Converting Colors

YUV(164.3850, -47.5178,
27.7264)

Have a look what the booklet for
YUV(164.3850, -47.5178, 27.7264)
contains.

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Color

**YUV(164.3850, -47.5178,
27.7264)**

Conversions

Conversions Part 1

Format	Color
Hex	C4A744
RGB	196, 167, 68
RGB Percent	77%, 65%, 27%
CMY	0.2314, 0.3451, 0.7333
CMYK	0.00, 0.15, 0.65, 0.23
HSL	46°, 52%, 52%
HSV	46°, 65%, 77%
XYZ	37.6271, 39.7906, 11.1660
YIQ	164.3850, 49.0630, -24.6410

Conversions

Conversions Part 2

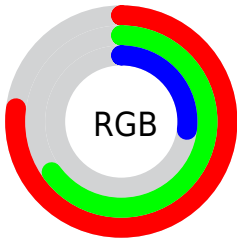
Format	Color
RYB	105, 196, 68
Decimal	12887876
CIELab	69.32, -0.63, 53.49
CIELCh	69, 53.493, 90.670
Yxy	39.7906, 0.4248, 0.4492
Android (android.graphics.Color)	4291077956 (0xFFC4A744)
YUV	164.3850, -47.5178, 27.7264
Hunter-Lab	63.0798, -3.9144, 33.6606

Details

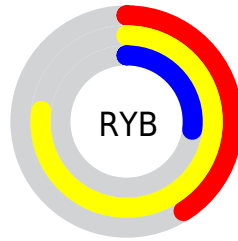
The YUV color **164.3850, -47.5178, 27.7264** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **99.6150, 47.5178, -27.7264**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.2390, -49.4178, 30.4854**, and **110.0920, -49.8384, 25.3523** is the 20% darker color. If you saturate the color by 10%, you get **159.7570, -55.0962, 31.7851**, and if you desaturate by 10%, it is **169.0130, -39.9394, 23.6676**.

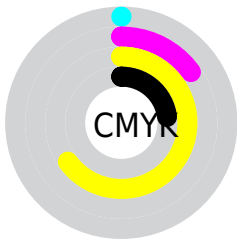
Distribution



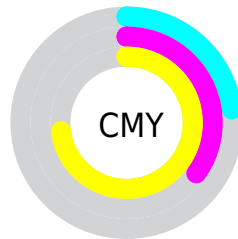
- Red (77%)
- Green (65%)
- Blue (27%)



- Red (41%)
- Yellow (77%)
- Blue (27%)



- Cyan (0%)
- Magenta (15%)
- Yellow (65%)
- Black (23%)



- Cyan (23%)
- Magenta (35%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.3850, -47.5178, 27.7264 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 164.3850, -47.5178, 27.7264 by changing the saturation by 10% instead.

■ 164.3850,
-47.5178, 27.7264

■ 164.3850,
-47.5178, 27.7264

255.0000, 0.0000,
0.0000

■ 137.3740,
-47.5124, 25.9820

■ 220.2390,
-49.4178, 30.4854

■ 110.0920,
-49.8384, 25.3523

■ 239.7530,
-45.7272, 13.3716

■ 86.6060, -42.6968,
21.3935

■ 245.8800,
-34.9438, 7.9982

■ 65.3310, -32.2082,
17.2497

■ 249.0720,
-22.7135, 5.1989

■ 44.3440, -21.8616,
11.9763

■ 252.3780,
-10.0464, 2.2995

■ 25.1290, -12.3886,
6.9029

■ 0.0000, 0.0000,

0.0000

■ 164.3850,
-47.5178, 27.7264

■ 164.3850,
-47.5178, 27.7264

■ 159.7570,
-55.0962, 31.7851

■ 169.0130,
-39.9394, 23.6676

■ 154.6560,
-61.9484, 36.2587

■ 174.1140,
-33.0872, 19.1940

■ 150.0280,
-69.5268, 40.3174

■ 178.7420,
-25.5088, 15.1353

■ 147.8280,
-72.8792, 42.2468

■ 183.8430,
-18.6566, 10.6617

■ 188.4710,
-11.0782, 6.6029

■ 193.6860, -3.7892,
2.0294

■ 198.2000, 3.3524,
-1.9294

■ 203.4150, 10.6414,
-6.5030

■ 207.9290, 17.7830,
-10.4617

Harmonies

Analogous

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



167.1190, -40.4847, 58.6546



164.3850, -47.5178, 27.7264



159.5480, -38.2312, -11.0046

Triad

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



164.3850, -47.5178, 27.7264



138.0290, 38.9327, -121.0514



174.0410, 21.6718, 49.0760

Complementary

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



164.3850, -47.5178, 27.7264



99.6150, 47.5178, -27.7264

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.



172.1410, 39.8635, 0.7533



164.3850, -47.5178, 27.7264



138.0240, 56.6832, -121.0470

Square

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



164.3850, -47.5178, 27.7264



132.5570, 17.9664, -116.2525



153.9320, 49.8265, -68.3464



170.1740, -0.0858, 74.3924

Rectangle

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



164.3850, -47.5178, 27.7264



153.7320, -24.0249, -40.9840



153.9320, 49.8265, -68.3464



174.2610, 27.9723, 34.8511

Sweetspot

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



164.3850, -47.5178, 27.7264



242.1420, -18.8040, 11.2765



109.6920, -5.7642, 75.6921



120.3570, -11.5150, 6.7029



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.



164.3850, -47.5178, 27.7264



205.8990, -73.9002, 43.0616



171.2420, -50.8983, -8.1052



94.6860, -3.7892, 2.0294



120.9270, -59.6170, 35.1440



25.1290, -12.3886, 6.9029

Inverse Universe

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



99.6150, 47.5178, -27.7264



105.1010, 73.9002, -43.0616



92.7580, 50.8983, 8.1052



89.3140, 3.7892, -2.0294



39.4860, 59.9064, -34.6292



8.4580, 12.0992, -7.4177

Previews

White Background



This preview shows how the YUV color 164.3850, -47.5178, 27.7264 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 164.3850, -47.5178, 27.7264 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 164.3850, -47.5178, 27.7264 Background



This preview shows how black text looks on a background with the YUV color 164.3850, -47.5178, 27.7264.



This preview shows how white text looks on a background with the YUV color 164.3850, -47.5178,

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

164.3850, -47.5178, 27.7264

Protanopia

164.1670, -46.9173, 21.7785

Deuteranopia

165.2770, -46.9716, 39.2221



Tritanopia

172.4210, -1.6866, 27.6948

Trichromacy



Original Color

164.3850, -47.5178, 27.7264

Protanomaly

164.4770, -47.0702, 24.1377

Deuteranomaly

164.8420, -47.2501, 35.2186

Tritanomaly

169.6540, -18.5634, 27.4904

Monochromacy



Original Color

164.3850, -47.5178, 27.7264

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

164.1850, -17.3462, 10.3618

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.3850, -47.5178, 27.7264 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(196, 167, 68)` looks like.

```
.text, #text, p{  
    color:rgb(196, 167, 68)  
}
```

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(196, 167, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 167, 68) }
```

Border

The CSS property to change the border of an element to YUV 164.3850, -47.5178, 27.7264 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(196, 167, 68) }
```


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

```
.border{ border-color:rgb(196, 167, 68) }
```

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

Here you see how a box with a 4 pixel rgb(196, 167, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 167, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 167, 68);  
box-shadow:4px 4px 4px 4px rgb(196, 167,  
68) }
```

Background

The CSS property to change the background color of an element to YUV 164.3850, -47.5178, 27.7264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 167, 68) }
```

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

```
.background{ background-color: rgb(196,  
167, 68) }
```

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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