

Converting Colors

YUV(164.4750, -17.4892,
-37.2506)

Have a look what the booklet for
YUV(164.4750, -17.4892, -37.2506)
contains.

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Color

**YUV(164.4750, -17.4892,
-37.2506)**

Conversions

Conversions Part 1

Format	Color
Hex	7AC181
RGB	122, 193, 129
RGB Percent	48%, 76%, 51%
CMY	0.5216, 0.2431, 0.4941
CMYK	0.37, 0.00, 0.33, 0.24
HSL	126°, 36%, 62%
HSV	126°, 37%, 76%
XYZ	31.0585, 43.8625, 27.5982
YIQ	164.4750, -21.7720, -34.9560

Conversions

Conversions Part 2

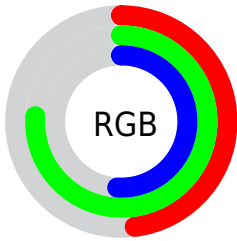
Format	Color
RYB	122, 187, 193
Decimal	8044929
CIELab	72.14, -35.51, 25.39
CIELCh	72, 43.651, 144.436
Yxy	43.8625, 0.3030, 0.4278
Android (android.graphics.Color)	4286235009 (0xFF7AC181)
YUV	164.4750, -17.4892, -37.2506
Hunter-Lab	66.2288, -32.1915, 21.6534

Details

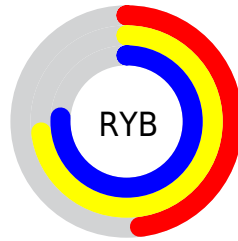
The YUV color **164.4750, -17.4892, -37.2506** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **150.5250, 17.4892, 37.2506**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.4210, -18.9416, -38.0802**, and **111.2300, -15.8894, -37.0357** is the 20% darker color. If you saturate the color by 10%, you get **156.8560, -22.1140, -47.2317**, and if you desaturate by 10%, it is **172.0940, -12.8643, -27.2694**.

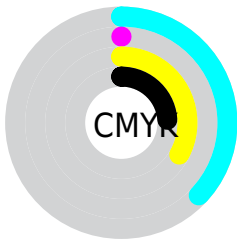
Distribution



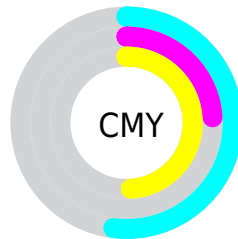
- Red (48%)
- Green (76%)
- Blue (51%)



- Red (48%)
- Yellow (73%)
- Blue (76%)



- Cyan (37%)
- Magenta (0%)
- Yellow (33%)
- Black (24%)



- Cyan (52%)
- Magenta (24%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.4750, -17.4892, -37.2506 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 164.4750, -17.4892, -37.2506 by changing the saturation by 10% instead.

■ 164.4750,
-17.4892, -37.2506

■ 164.4750,
-17.4892, -37.2506

■ 255.0000, 0.0000,
0.0000

■ 137.7030,
-16.6156, -37.4505

■ 220.4210,
-18.9416, -38.0802

■ 111.2300,
-15.8894, -37.0357

■ 234.9200,
-12.2856, -26.2398

■ 85.1590, -14.8684,
-37.8504

■ 246.7830, -4.3300,
-11.2107

■ 57.8100, -12.2313,
-43.6834

■ 38.7080, -14.1530,
-33.9469

■ 24.6540, -12.1544,
-21.6216

■ 8.2180, -4.0515,

-7.2072

■ 0.0000, 0.0000,
0.0000

■ 164.4750,
-17.4892, -37.2506

■ 164.4750,
-17.4892, -37.2506

■ 156.8560,
-22.1140, -47.2317

■ 172.0940,
-12.8643, -27.2694

■ 148.8240,
-27.0282, -57.7276

■ 180.1260, -7.9501,
-16.7735

■ 141.2050,
-31.6531, -67.7088

■ 187.7450, -3.3253,
-6.7924

■ 133.4720,
-36.7147, -77.5899

■ 195.4780, 1.7363,
3.0888

■ 125.8530,
-41.3395, -87.5711

■ 203.3960, 6.2138,
13.6847

■ 117.9350,
-45.8170, -98.1670

■ 211.0150, 10.8386,
23.6658

■ 115.4570,
-47.5533, -101.2558

■ 218.1500, 16.1950,
32.3174

■ 218.6060, 17.9422,
31.9175

Harmonies

Analogous

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



170.1670, -33.6063, -1.0235



164.4750, -17.4892, -37.2506



152.7310, 7.5276, -81.3251

Triad

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



164.4750, -17.4892, -37.2506



166.0920, 43.8316, -58.8397



178.5800, -16.0619, 65.2663

Complementary

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



164.4750, -17.4892, -37.2506



150.5250, 17.4892, 37.2506

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.



181.0580, 2.4364, 58.7081



164.4750, -17.4892, -37.2506



178.4190, 34.7964, -7.3835

Square

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



164.4750, -17.4892, -37.2506



140.7650, 49.4159, -123.4509



182.3010, 20.5576, 33.0620



176.7900, -31.4485, 53.6812

Rectangle

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



164.4750, -17.4892, -37.2506



138.4560, 27.8762, -121.4259



182.3010, 20.5576, 33.0620



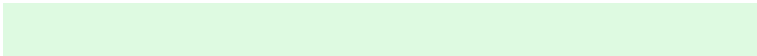
179.1870, -9.9522, 65.6110

Sweetspot

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



164.4750, -17.4892, -37.2506



238.7780, -6.7926, -14.7143



183.1120, -30.1282, 3.4098



118.5060, -4.1935, -8.3368



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



164.4750, -17.4892, -37.2506



205.8240, -27.0282, -57.7276



168.3510, -2.6380, -40.6498



92.9840, -2.4571, -5.2480



96.3310, -39.6032, -84.4823



19.7130, -8.2395, -17.2883

Inverse Universe

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



150.5250, 17.4892, 37.2506



184.1760, 27.0282, 57.7276



146.6490, 2.6380, 40.6498



91.0160, 2.4571, 5.2480



64.6690, 39.6032, 84.4823



13.2870, 8.2395, 17.2883

Previews

White Background



This preview shows how the YUV color 164.4750, -17.4892, -37.2506 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 164.4750, -17.4892, -37.2506 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 164.4750, -17.4892, -37.2506 Background



This preview shows how black text looks on a background with the YUV color 164.4750, -17.4892, -37.2506.



This preview shows how white text looks on a background with the YUV color 164.4750, -17.4892, -37.2506.

-37.2506.

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

164.4750, -17.4892, -37.2506

Protanopia

174.0300, -25.6508, 14.0057

Deuteranopia

176.3720, -20.8894, 26.8608



Tritanopia

171.3580, 13.6275, -31.0090

Trichromacy



Original Color

164.4750, -17.4892, -37.2506

Protanomaly

170.4190, -22.3916, -4.7525

Deuteranomaly

172.1580, -19.7979, 3.3694

Tritanomaly

168.7740, 2.5764, -33.1278

Monochromacy



Original Color

164.4750, -17.4892, -37.2506

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

164.4900, -6.6506, -13.5847

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.4750, -17.4892, -37.2506 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(122, 193, 129)` looks like.

```
.text, #text, p{  
    color:rgb(122, 193, 129)  
}
```

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(122, 193, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 193, 129) }
```

Border

The CSS property to change the border of an element to YUV 164.4750, -17.4892, -37.2506 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(122, 193, 129) }
```


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

```
.border{ border-color:rgb(122, 193, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 193, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(122, 193, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(122, 193, 129); box-shadow:4px 4px 4px 4px rgb(122, 193, 129) }
```

Background

The CSS property to change the background color of an element to YUV 164.4750, -17.4892, -37.2506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 193, 129) }
```

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

```
.background{ background-color: rgb(122,  
193, 129) }
```

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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