

Converting Colors

YUV(128.1770, -48.4013,
77.8978)

Have a look what the booklet for
YUV(128.1770, -48.4013, 77.8978)
contains.

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Color

**YUV(128.1770, -48.4013,
77.8978)**

Conversions

Conversions Part 1

Format	Color
Hex	D9661E
RGB	217, 102, 30
RGB Percent	85%, 40%, 12%
CMY	0.1490, 0.6000, 0.8824
CMYK	0.00, 0.53, 0.86, 0.15
HSL	23°, 76%, 48%
HSV	23°, 86%, 85%
XYZ	33.6010, 24.3482, 4.1570
YIQ	128.1770, 91.6520, 1.9880

Conversions

Conversions Part 2

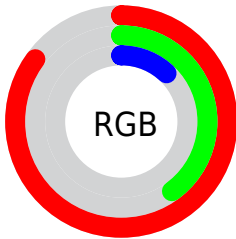
Format	Color
R_{YB}	217, 147, 30
Decimal	14247454
CIE _{Lab}	56.43, 41.32, 57.54
CIE _{LCh}	56, 70.843, 54.317
Yxy	24.3482, 0.5410, 0.3920
Android (android.graphics.Color)	4292437534 (0xFFD9661E)
YUV	128.1770, -48.4013, 77.8978
Hunter-Lab	49.3439, 35.1987, 29.5458

Details

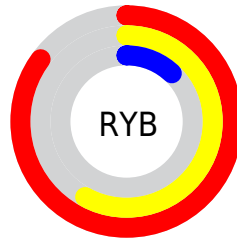
The YUV color **128.1770, -48.4013, 77.8978** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **118.8230, 48.4013, -77.8978**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.5780, -46.6270, 68.7761**, and **76.2820, -37.6070, 69.0357** is the 20% darker color. If you saturate the color by 10%, you get **118.0380, -54.2487, 86.7897**, and if you desaturate by 10%, it is **138.3160, -42.5538, 69.0059**.

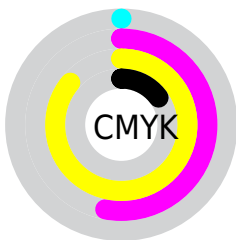
Distribution



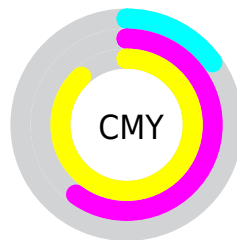
- Red (85%)
- Green (40%)
- Blue (12%)



- Red (85%)
- Yellow (58%)
- Blue (12%)



- Cyan (0%)
- Magenta (53%)
- Yellow (86%)
- Black (15%)




- Cyan (15%)
- Magenta (60%)
- Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the YUV color 128.1770, -48.4013, 77.8978 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 128.1770, -48.4013, 77.8978 by changing the saturation by 10% instead.


 128.1770,
-48.4013, 77.8978


 128.1770,
-48.4013, 77.8978


255.0000, 0.0000,
0.0000


 100.2260,
-49.4114, 75.2238


 176.5780,
-46.6270, 68.7761


 76.2820, -37.6070,
69.0357


 195.9780,
-43.3732, 51.7623

 50.5770, -24.9345,
64.3920


 215.3780,
-40.1194, 34.7485

 28.1060, -13.8563,
57.7890

 235.5930,
-36.2813, 17.0199

 19.7340, -9.7289,
40.5753

 247.4760,
-28.8287, 6.5985

 11.7750, -5.3121,
23.8763

 250.7820,

 0.0000, 0.0000,

-16.1615, 3.6992

0.0000

253.9740, -3.9312,
0.8998

128.1770,
-48.4013, 77.8978

128.1770,
-48.4013, 77.8978

118.0380,
-54.2487, 86.7897

138.3160,
-42.5538, 69.0059

114.1910,
-56.2962, 90.1635

148.9280,
-37.4325, 59.6991

159.0670,
-31.5850, 50.8072

169.2060,
-25.7376, 41.9153

179.9320,
-20.1795, 32.5086

■ 189.9570,
-14.7688, 23.7167

■ 200.0960, -8.9213,
14.8248

■ 210.8220, -3.3632,
5.4181

■ 220.8470, 2.0474,
-3.3738

Harmonies

Analogous

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



125.9420, -18.2124, 101.7829



128.1770, -48.4013, 77.8978



127.4500, -62.8328, 39.9474

Triad

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



128.1770, -48.4013, 77.8978



108.8880, 5.9712, -95.4948



132.8680, 57.2531, -23.5632

Complementary

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



128.1770, -48.4013, 77.8978



118.8230, 48.4013, -77.8978

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.



114.7720, 69.1324, -100.6550



128.1770, -48.4013, 77.8978



116.7710, 33.6369, -102.4082

Square

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



128.1770, -48.4013, 77.8978



98.6570, -20.5369, -86.5222



120.1230, 56.6344, -105.3479



137.2060, 34.9014, 52.4393

Rectangle

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



128.1770, -48.4013, 77.8978



124.0180, -61.1409, 10.5082



120.1230, 56.6344, -105.3479



117.6060, 67.7352, -72.4455

Sweetspot

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



128.1770, -48.4013, 77.8978



223.4090, -16.9636, 27.7053



99.0230, 22.6667, 103.4658



108.7650, -10.2371, 16.8691



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.



128.1770, -48.4013, 77.8978



133.7710, -65.9491, 106.3178



182.7680, -75.3146, 30.0215



104.6370, -2.7790, 4.7034



91.0560, -44.8906, 71.8649



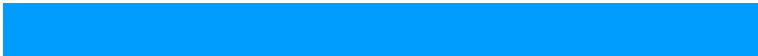
24.3200, -11.9898, 19.0134

Inverse Universe

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



118.8230, 48.4013, -77.8978



121.2290, 65.9491, -106.3178



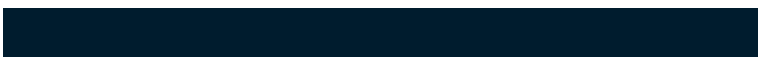
64.2320, 75.3146, -30.0215



103.7760, 3.0684, -4.1886



82.5310, 44.6012, -72.3797



21.6800, 11.9898, -19.0134

Previews

White Background



This preview shows how the YUV color 128.1770, -48.4013, 77.8978 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 128.1770, -48.4013, 77.8978 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 × Fail

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

YUV 128.1770, -48.4013, 77.8978

Background



This preview shows how black text looks on a background with the YUV color 128.1770, -48.4013, 77.8978.



This preview shows how white text looks on a background with the YUV color 128.1770, -48.4013,

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

128.1770, -48.4013, 77.8978

Protanopia

129.7260, -44.7279, 19.5343

Deuteranopia

128.5190, -57.4439, 38.1328



Tritanopia

133.1730, -15.3683, 76.1473

Trichromacy



Original Color

128.1770, -48.4013, 77.8978

Protanomaly

129.5160, -46.1034, 40.7665

Deuteranomaly

128.2310, -53.8509, 52.4174

Tritanomaly

131.6710, -27.4458, 76.5875

Monochromacy



Original Color

128.1770, -48.4013, 77.8978

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

128.1810, -17.8372, 27.9053

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.1770, -48.4013, 77.8978 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(217, 102, 30)` looks like.

```
.text, #text, p{  
    color:rgb(217, 102, 30)  
}
```

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(217, 102, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 102, 30) }
```

Border

The CSS property to change the border of an element to YUV 128.1770, -48.4013, 77.8978 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(217, 102, 30) }
```


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

```
.border{ border-color:rgb(217, 102, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 102, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 102, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 102, 30);  
box-shadow:4px 4px 4px 4px rgb(217, 102,  
30) }
```

Background

The CSS property to change the background color of an element to YUV 128.1770, -48.4013, 77.8978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 102, 30) }
```

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

```
.background{ background-color: rgb(217,  
102, 30) }
```

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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