

Converting Colors

YUV(128.5180, -49.0624,
56.5507)

Have a look what the booklet for
YUV(128.5180, -49.0624, 56.5507)
contains.

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Color

**YUV(128.5180, -49.0624,
56.5507)**

Conversions

Conversions Part 1

Format	Color
Hex	C1731D
RGB	193, 115, 29
RGB Percent	76%, 45%, 11%
CMY	0.2431, 0.5490, 0.8863
CMYK	0.00, 0.40, 0.85, 0.24
HSL	31°, 74%, 44%
HSV	31°, 85%, 76%
XYZ	28.3448, 23.6876, 4.2406
YIQ	128.5180, 74.0940, -10.2100

Conversions

Conversions Part 2

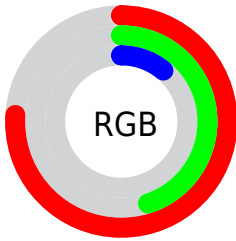
Format	Color
RYB	178, 193, 29
Decimal	12677917
CIELab	55.77, 24.68, 55.95
CIELCh	56, 61.157, 66.196
Yxy	23.6876, 0.5037, 0.4209
Android (android.graphics.Color)	4290867997 (0xFFC1731D)
YUV	128.5180, -49.0624, 56.5507
Hunter-Lab	48.6699, 18.7840, 28.9030

Details

The YUV color **128.5180, -49.0624, 56.5507** 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 **93.4820, 49.0624, -56.5507**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.3230, -49.9522, 61.9837**, and **78.8080, -38.8523, 48.4034** is the 20% darker color. If you saturate the color by 10%, you get **121.0690, -54.7570, 63.0835**, and if you desaturate by 10%, it is **135.9670, -43.3677, 50.0179**.

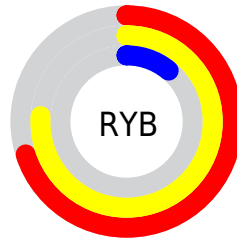
Distribution



Red (76%)

Green (45%)

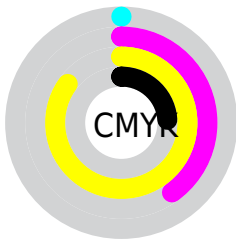
Blue (11%)



Red (70%)

Yellow (76%)

Blue (11%)

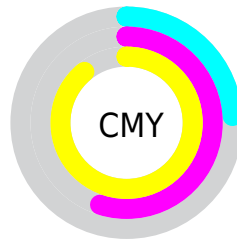


Cyan (0%)

Magenta (40%)

Yellow (85%)

Black (24%)



Cyan (24%)

Magenta (55%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.5180, -49.0624, 56.5507 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 128.5180, -49.0624, 56.5507 by changing the saturation by 10% instead.

■ 128.5180,
-49.0624, 56.5507

■ 128.5180,
-49.0624, 56.5507

■ 255.0000, 0.0000,
0.0000

■ 101.5670,
-50.0725, 53.8767

■ 183.3230,
-49.9522, 61.9837

■ 78.8080, -38.8523,
48.4034

■ 203.0220,
-46.8458, 45.5847

■ 56.3370, -27.7741,
41.8005

■ 222.5360,
-43.1552, 28.4709

■ 35.0510, -17.2801,
35.9123

■ 242.0500,
-39.4646, 11.3572

■ 14.6510, -7.2229,
30.1241

■ 247.4760,
-28.8287, 6.5985

■ 4.7840, -2.3585,
9.8364

■ 250.7820,

■ 0.0000, 0.0000,

-16.1615, 3.6992

0.0000

254.0880, -3.4944,
0.7998

128.5180,
-49.0624, 56.5507

128.5180,
-49.0624, 56.5507

121.0690,
-54.7570, 63.0835

135.9670,
-43.3677, 50.0179

116.9940,
-57.6780, 66.6573

143.5300,
-37.2363, 43.3852

151.5660,
-31.8310, 36.3376

159.0150,
-26.1364, 29.8048

166.5780,
-20.0050, 23.1721

■ 174.0270,
-14.3103, 16.6393

■ 181.4760, -8.6157,
10.1065

■ 188.9250, -2.9210,
3.5738

■ 197.0750, 2.9210,
-3.5738

Harmonies

Analogous

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



128.8180, -27.0253, 81.7206



128.5180, -49.0624, 56.5507



124.0950, -61.1788, 22.7187

Triad

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



128.5180, -49.0624, 56.5507



109.1620, 17.1751, -95.7351



136.5490, 41.1413, 10.9195

Complementary

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



128.5180, -49.0624, 56.5507



93.4820, 49.0624, -56.5507

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.



107.1920, 65.4743, -94.0074



128.5180, -49.0624, 56.5507



114.3890, 39.7412, -100.3192

Square

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



128.5180, -49.0624, 56.5507



101.0170, -6.4174, -88.5919



114.3840, 57.4917, -100.3148



135.3030, 21.0496, 62.0013

Rectangle

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



128.5180, -49.0624, 56.5507



121.1220, -48.8671, -6.2460



114.3840, 57.4917, -100.3148



133.7140, 47.4690, -12.0272

Sweetspot

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



128.5180, -49.0624, 56.5507



225.2080, -18.8365, 21.7426



87.0420, 10.3323, 92.9252



110.1020, -11.3893, 13.0655



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.



128.5180, -49.0624, 56.5507



151.6470, -74.7620, 86.2556



173.4070, -71.1927, 14.5521



92.9250, -2.9210, 3.5738



97.4470, -48.0414, 55.7360



19.8460, -9.7841, 11.5361

Inverse Universe

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



93.4820, 49.0624, -56.5507



98.3530, 74.7620, -86.2556



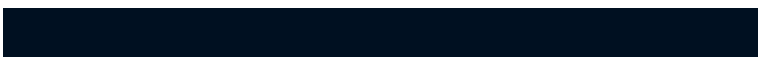
48.5930, 71.1927, -14.5521



91.0750, 2.9210, -3.5738



62.9660, 48.3308, -55.2212



13.1540, 9.7841, -11.5361

Previews

White Background



This preview shows how the YUV color 128.5180, -49.0624, 56.5507 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 128.5180, -49.0624, 56.5507 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 128.5180, -49.0624, 56.5507

Background



This preview shows how black text looks on a background with the YUV color 128.5180, -49.0624, 56.5507.



This preview shows how white text looks on a background with the YUV color 128.5180, -49.0624,

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

128.5180, -49.0624, 56.5507

Protanopia

127.6830, -46.1857, 20.4490

Deuteranopia

127.5880, -52.0549, 36.3183



Tritanopia

134.8220, -9.7722, 54.5301

Trichromacy



Original Color

128.5180, -49.0624, 56.5507

Protanomaly

127.8310, -47.2447, 33.4742

Deuteranomaly

128.2730, -50.9136, 43.6106

Tritanomaly

132.7500, -24.0338, 55.4703

Monochromacy



Original Color

128.5180, -49.0624, 56.5507

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.8380, -17.6681, 20.3131

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.5180, -49.0624, 56.5507 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(193, 115, 29)` looks like.

```
.text, #text, p{  
    color:rgb(193, 115, 29)  
}
```

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(193, 115, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 115, 29) }
```

Border

The CSS property to change the border of an element to YUV 128.5180, -49.0624, 56.5507 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(193, 115, 29) }
```


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

```
.border{ border-color:rgb(193, 115, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 115, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 115, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 115, 29);  
box-shadow:4px 4px 4px 4px rgb(193, 115,  
29) }
```

Background

The CSS property to change the background color of an element to YUV 128.5180, -49.0624, 56.5507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 115, 29) }
```

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

```
.background{ background-color: rgb(193,  
115, 29) }
```

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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