

Converting Colors

YUV(128.5940, -27.4078,
64.3771)

Have a look what the booklet for
YUV(128.5940, -27.4078, 64.3771)
contains.

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Color

**YUV(128.5940, -27.4078,
64.3771)**

Conversions

Conversions Part 1

Format	Color
Hex	CA6649
RGB	202, 102, 73
RGB Percent	79%, 40%, 29%
CMY	0.2078, 0.6000, 0.7137
CMYK	0.00, 0.50, 0.64, 0.21
HSL	13°, 55%, 54%
HSV	13°, 64%, 79%
XYZ	30.3111, 22.5403, 9.0565
YIQ	128.5940, 68.9090, 12.1810

Conversions

Conversions Part 2

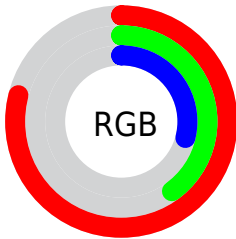
Format	Color
R_{YB}	202, 110, 73
Decimal	13264457
CIE _{Lab}	54.60, 37.31, 34.41
CIE _{LCh}	55, 50.760, 42.685
Yxy	22.5403, 0.4896, 0.3641
Android (android.graphics.Color)	4291454537 (0xFFCA6649)
YUV	128.5940, -27.4078, 64.3771
Hunter-Lab	47.4767, 30.8777, 21.9237

Details

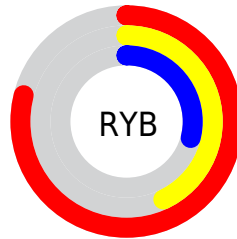
The YUV color **128.5940, -27.4078, 64.3771** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **146.4060, 27.4078, -64.3771**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.1380, -29.1550, 64.7770**, and **76.4730, -23.8972, 58.3442** is the 20% darker color. If you saturate the color by 10%, you get **116.9220, -31.5135, 74.6134**, and if you desaturate by 10%, it is **140.2660, -23.3021, 54.1407**.

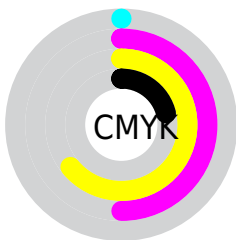
Distribution



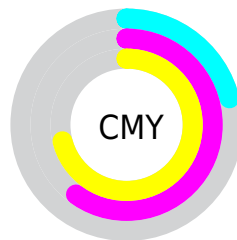
- Red (79%)
- Green (40%)
- Blue (29%)



- Red (79%)
- Yellow (43%)
- Blue (29%)



- Cyan (0%)
- Magenta (50%)
- Yellow (64%)
- Black (21%)



- Cyan (21%)
- Magenta (60%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.5940, -27.4078, 64.3771 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 128.5940, -27.4078, 64.3771 by changing the saturation by 10% instead.

■ 128.5940,
-27.4078, 64.3771

■ 128.5940,
-27.4078, 64.3771

■ 255.0000, 0.0000,
0.0000

■ 102.3270,
-25.7972, 61.1032

■ 181.1380,
-29.1550, 64.7770

■ 76.4730, -23.8972,
58.3442

■ 199.9510,
-25.6118, 48.2780

■ 49.8040, -22.5814,
56.2999

■ 219.4650,
-21.9212, 31.1642

■ 25.4150, -12.5296,
52.2560

■ 239.6800,
-18.0832, 13.4356

■ 17.0430, -8.4022,
35.0423

■ 252.2640,
-10.4832, 2.3995

■ 8.1870, -3.5432,
16.4990

■ 0.0000, 0.0000,

0.0000

■ 128.5940,
-27.4078, 64.3771

■ 128.5940,
-27.4078, 64.3771

■ 116.9220,
-31.5135, 74.6134

■ 140.2660,
-23.3021, 54.1407

■ 105.8370,
-35.9086, 84.3350

■ 151.3510,
-18.9070, 44.4192

■ 94.0510, -40.4511,
94.6713

■ 163.1370,
-14.3645, 34.0829

■ 86.8130, -42.7988,
101.0190

■ 174.8090,
-10.2588, 23.8465

■ 185.8940, -5.8637,
14.1250

■ 197.5660, -1.7580,
3.8886

■ 209.2380, 2.3477,
-6.3477

■ 220.4370, 7.1796,
-16.1692

■ 232.1090, 11.2853,
-26.4056

Harmonies

Analogous

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



129.5020, -7.6425, 71.4737



128.5940, -27.4078, 64.3771



127.0800, -41.4514, 42.0258

Triad

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



128.5940, -27.4078, 64.3771



99.7920, 1.5815, -87.5176



125.1640, 44.7821, -36.9778

Complementary

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



128.5940, -27.4078, 64.3771



146.4060, 27.4078, -64.3771

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.



107.7500, 52.3813, -94.4968



128.5940, -27.4078, 64.3771



106.2100, 21.0955, -93.1462

Square

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



128.5940, -27.4078, 64.3771



118.4950, -27.8520, -26.7441



109.5960, 39.1462, -96.1157



134.4440, 30.3471, 19.7816

Rectangle

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



128.5940, -27.4078, 64.3771



125.4490, -44.5914, 22.4082



109.5960, 39.1462, -96.1157



113.6760, 51.4317, -69.8759

Sweetspot

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



128.5940, -27.4078, 64.3771



227.2220, -9.9694, 24.3613



123.0850, 25.1011, 69.2085



111.0790, -6.4479, 14.8397



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.



128.5940, -27.4078, 64.3771



143.4320, -41.6250, 97.8451



165.5750, -45.6395, 31.9447



96.1640, -2.0529, 5.1182



71.3530, -35.1770, 83.0054



16.6450, -8.2060, 18.7283

Inverse Universe

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



146.4060, 27.4078, -64.3771



170.5680, 41.6250, -97.8451



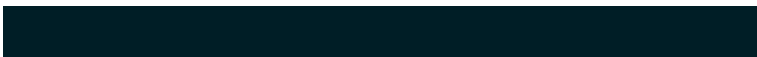
109.4250, 45.6395, -31.9447



97.8360, 2.0529, -5.1182



94.0600, 35.4664, -82.4906



21.9420, 7.9166, -19.2431

Previews

White Background



This preview shows how the YUV color 128.5940, -27.4078, 64.3771 looks on a white background.

Color Contrast Check

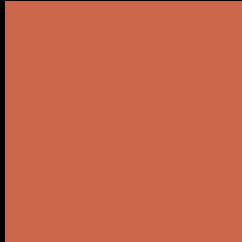
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.5940, -27.4078, 64.3771 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 128.5940, -27.4078, 64.3771

Background



This preview shows how black text looks on a background with the YUV color 128.5940, -27.4078, 64.3771.



This preview shows how white text looks on a background with the YUV color 128.5940, -27.4078,

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

128.5940, -27.4078, 64.3771

Protanopia

129.2300, -22.2984, 12.0763

Deuteranopia

129.2660, -30.2041, 27.8307



Tritanopia

130.4920, -12.5676, 64.4665

Trichromacy



Original Color

128.5940, -27.4078, 64.3771

Protanomaly

128.5960, -23.9578, 31.0493

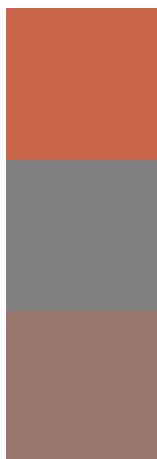
Deuteranomaly

129.2830, -29.2265, 40.9708

Tritanomaly

129.4120, -17.9511, 64.5367

Monochromacy



Original Color

128.5940, -27.4078, 64.3771

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.9230, -9.8220, 23.7465

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.5940, -27.4078, 64.3771 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(202, 102, 73)` looks like.

```
.text, #text, p{  
    color:rgb(202, 102, 73)  
}
```

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(202, 102, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 102, 73) }
```

Border

The CSS property to change the border of an element to YUV 128.5940, -27.4078, 64.3771 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(202, 102, 73) }
```


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

```
.border{ border-color:rgb(202, 102, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 102, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 102, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 102, 73);  
box-shadow:4px 4px 4px 4px rgb(202, 102,  
73) }
```

Background

The CSS property to change the background color of an element to YUV 128.5940, -27.4078, 64.3771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 102, 73) }
```

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

```
.background{ background-color: rgb(202,  
102, 73) }
```

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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