

Converting Colors

YUV(127.7360, -29.4498,
66.0065)

Have a look what the booklet for
YUV(127.7360, -29.4498, 66.0065)
contains.

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Color

**YUV(127.7360, -29.4498,
66.0065)**

Conversions

Conversions Part 1

Format	Color
Hex	CB6544
RGB	203, 101, 68
RGB Percent	80%, 40%, 27%
CMY	0.2039, 0.6039, 0.7333
CMYK	0.00, 0.50, 0.67, 0.20
HSL	15°, 56%, 53%
HSV	15°, 67%, 80%
XYZ	30.3257, 22.4212, 8.1982
YIQ	127.7360, 71.3850, 11.3610

Conversions

Conversions Part 2

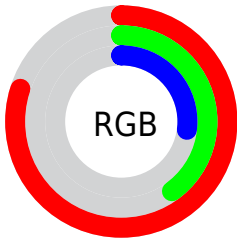
Format	Color
RYB	203, 112, 68
Decimal	13329732
CIELab	54.47, 37.91, 37.05
CIELCh	54, 53.004, 44.345
Yxy	22.4212, 0.4976, 0.3679
Android (android.graphics.Color)	4291519812 (0xFFCB6544)
YUV	127.7360, -29.4498, 66.0065
Hunter-Lab	47.3511, 31.4548, 22.8804

Details

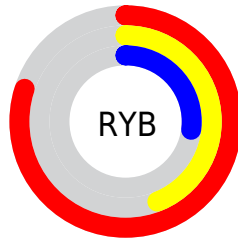
The YUV color **127.7360, -29.4498, 66.0065** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **143.2640, 29.4498, -66.0065**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.9810, -31.0496, 65.7917**, and **74.6150, -25.9392, 59.9736** is the 20% darker color. If you saturate the color by 10%, you get **116.6510, -33.8449, 75.7281**, and if you desaturate by 10%, it is **138.8210, -25.0548, 56.2850**.

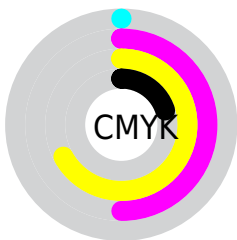
Distribution



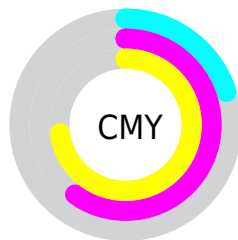
- Red (80%)
- Green (40%)
- Blue (27%)



- Red (80%)
- Yellow (44%)
- Blue (27%)



- Cyan (0%)
- Magenta (50%)
- Yellow (67%)
- Black (20%)



- Cyan (20%)
- Magenta (60%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.7360, -29.4498, 66.0065 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 127.7360, -29.4498, 66.0065 by changing the saturation by 10% instead.

■ 127.7360,
-29.4498, 66.0065

■ 127.7360,
-29.4498, 66.0065

■ 255.0000, 0.0000,
0.0000

■ 101.4690,
-27.8392, 62.7327

■ 179.9810,
-31.0496, 65.7917

■ 74.6150, -25.9392,
59.9736

■ 198.7940,
-27.5064, 49.2927

■ 48.1740, -23.7498,
57.7294

■ 218.3080,
-23.8158, 32.1789

■ 25.4150, -12.5296,
52.2560

■ 238.4090,
-20.4146, 14.5503

■ 17.3420, -8.5496,
35.6571

■ 251.5800,
-13.1039, 2.9993

■ 8.1870, -3.5432,
16.4990

254.8860, -0.4368,

■ 0.0000, 0.0000,

0.1000

0.0000

■ 127.7360,
-29.4498, 66.0065

■ 127.7360,
-29.4498, 66.0065

■ 116.6510,
-33.8449, 75.7281

■ 138.8210,
-25.0548, 56.2850

■ 104.8650,
-38.3874, 86.0644

■ 150.6070,
-20.5123, 45.9487

■ 93.7800, -42.7825,
95.7859

■ 161.6920,
-16.1172, 36.2271

■ 90.0470, -44.3932,
99.0598

■ 172.7770,
-11.7221, 26.5056

■ 184.5630, -7.1796,
16.1692

■ 195.6480, -2.7845,
6.4477

■ 206.7330, 1.6106,
-3.2738

■ 218.4050, 5.7163,
-13.5102

■ 229.6040, 10.5482,
-23.3317

Harmonies

Analogous

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



128.1820, -8.9637, 75.2624



127.7360, -29.4498, 66.0065



126.0970, -43.9248, 42.0109

Triad

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



127.7360, -29.4498, 66.0065



100.4930, 1.7290, -88.1324



125.2180, 46.2345, -36.1482

Complementary

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



127.7360, -29.4498, 66.0065



143.2640, 29.4498, -66.0065

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.



108.2060, 54.1284, -94.8967



127.7360, -29.4498, 66.0065



106.5520, 22.4059, -93.4461

Square

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



127.7360, -29.4498, 66.0065



116.2880, -27.2570, -30.9476



110.0520, 40.8934, -96.5156



134.4660, 30.3363, 23.2703

Rectangle

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



127.7360, -29.4498, 66.0065



123.8680, -46.7699, 21.1638



110.0520, 40.8934, -96.5156



112.6480, 53.9105, -71.6053

Sweetspot

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



127.7360, -29.4498, 66.0065



226.2930, -10.9904, 25.1760



120.2210, 25.5270, 72.5972



110.3780, -6.5954, 15.4545



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.



127.7360, -29.4498, 66.0065



141.3460, -44.5406, 99.6746



166.4780, -48.5497, 32.0298



96.1640, -2.0529, 5.1182



73.7010, -36.3346, 80.9462



16.6450, -8.2060, 18.7283

Inverse Universe

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



143.2640, 29.4498, -66.0065



164.6540, 44.5406, -99.6746



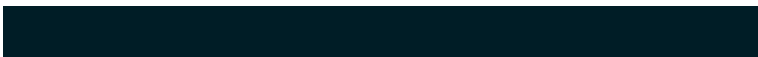
104.5220, 48.5497, -32.0298



97.8360, 2.0529, -5.1182



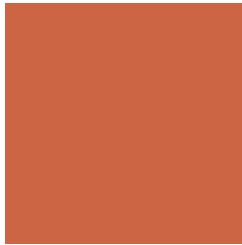
92.2990, 36.3346, -80.9462



21.3550, 8.2060, -18.7283

Previews

White Background



This preview shows how the YUV color 127.7360, -29.4498, 66.0065 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 127.7360, -29.4498, 66.0065 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 127.7360, -29.4498, 66.0065

Background



This preview shows how black text looks on a background with the YUV color 127.7360, -29.4498, 66.0065.



This preview shows how white text looks on a background with the YUV color 127.7360, -29.4498,

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

127.7360, -29.4498, 66.0065

Protanopia

128.5460, -24.9192, 12.6762

Deuteranopia

128.6960, -32.3881, 28.3306



Tritanopia

129.9760, -13.2992, 65.7960

Trichromacy



Original Color

127.7360, -29.4498, 66.0065

Protanomaly

128.2110, -26.7260, 32.2640

Deuteranomaly

128.1260, -31.1211, 41.9855

Tritanomaly

128.7820, -19.1195, 65.9662

Monochromacy



Original Color

127.7360, -29.4498, 66.0065

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.6950, -10.6956, 23.9465

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.7360, -29.4498, 66.0065 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(203, 101, 68)` looks like.

```
.text, #text, p{  
    color:rgb(203, 101, 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(203, 101, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 101, 68) }
```

Border

The CSS property to change the border of an element to YUV 127.7360, -29.4498, 66.0065 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(203, 101, 68) }
```


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

```
.border{ border-color:rgb(203, 101, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 101, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 101, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 101, 68);  
box-shadow:4px 4px 4px 4px rgb(203, 101,  
68) }
```

Background

The CSS property to change the background color of an element to YUV 127.7360, -29.4498, 66.0065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 101, 68) }
```

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

```
.background{ background-color: rgb(203,  
101, 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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