

Converting Colors

YUV(150.3060, -30.7169,
52.3516)

Have a look what the booklet for
YUV(150.3060, -30.7169, 52.3516)
contains.

YUV(150.3060, -30.7169, 52.3516)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(150.3060, -30.7169,
52.3516)**

Conversions

Conversions Part 1

Format	Color
Hex	D28458
RGB	210, 132, 88
RGB Percent	82%, 52%, 35%
CMY	0.1765, 0.4824, 0.6549
CMYK	0.00, 0.37, 0.58, 0.18
HSL	22°, 58%, 58%
HSV	22°, 58%, 82%
XYZ	36.5911, 30.9087, 13.2699
YIQ	150.3060, 60.6120, 2.8520

Conversions

Conversions Part 2

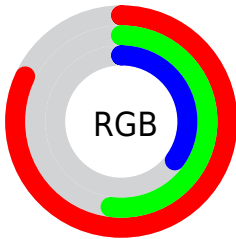
Format	Color
R _Y B	210, 157, 88
Decimal	13796440
CIE Lab	62.43, 25.67, 36.07
CIE LCh	62, 44.268, 54.559
Yxy	30.9087, 0.4530, 0.3827
Android (android.graphics.Color)	4291986520 (0xFFD28458)
YUV	150.3060, -30.7169, 52.3516
Hunter-Lab	55.5956, 20.1900, 24.7652

Details

The YUV color **150.3060, -30.7169, 52.3516** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **147.6940, 30.7169, -52.3516**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.2730, -30.7006, 47.1186**, and **98.2560, -28.2272, 47.1335** is the 20% darker color. If you saturate the color by 10%, you get **140.2810, -36.1275, 61.1436**, and if you desaturate by 10%, it is **160.3310, -25.3062, 43.5597**.

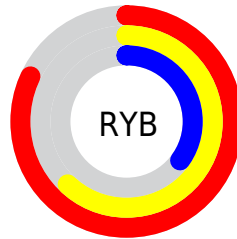
Distribution



Red (82%)

Green (52%)

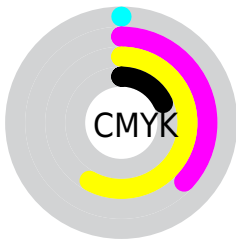
Blue (35%)



Red (82%)

Yellow (62%)

Blue (35%)

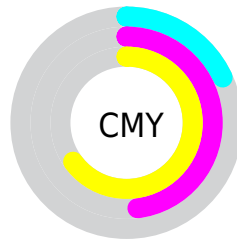


Cyan (0%)

Magenta (37%)

Yellow (58%)

Black (18%)



Cyan (18%)

Magenta (48%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.3060, -30.7169, 52.3516 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 150.3060, -30.7169, 52.3516 by changing the saturation by 10% instead.

150.3060,
-30.7169, 52.3516

150.3060,
-30.7169, 52.3516

255.0000, 0.0000,
0.0000

123.6370,
-29.4010, 50.3074

201.2730,
-30.7006, 47.1186

98.2560, -28.2272,
47.1335

220.0860,
-27.1574, 30.6196

72.8750, -27.0534,
43.9596

240.3010,
-23.3194, 12.8910

49.2490, -24.2798,
41.0006

251.1240,
-14.8511, 3.3993

27.3760, -13.4964,
35.6272

254.4300, -2.1840,
0.4999

12.8570, -6.3385,
26.4354

0.0000, 0.0000,

0.0000

■ 150.3060,
-30.7169, 52.3516

■ 150.3060,
-30.7169, 52.3516

■ 140.2810,
-36.1275, 61.1436

■ 160.3310,
-25.3062, 43.5597

■ 129.6690,
-41.2488, 70.4503

■ 170.9430,
-20.1849, 34.2530

■ 119.6440,
-46.6595, 79.2422

■ 180.9680,
-14.7742, 25.4611

■ 109.0320,
-51.7808, 88.5489

■ 191.5800, -9.6529,
16.1543

■ 107.4020,
-52.9492, 89.9784

■ 201.6050, -4.2423,
7.3624

■ 212.2170, 0.8790,
-1.9443

■ 222.2420, 6.2897,
-10.7362

■ 232.1530, 11.2636,
-19.4282

■ 240.3710, 7.2121,
-26.6354

Harmonies

Analogous

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



151.9820, -15.7671, 64.0368



150.3060, -30.7169, 52.3516



147.9150, -37.9191, 29.0155

Triad

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



150.3060, -30.7169, 52.3516



116.5650, 12.5395, -102.2275



152.0060, 34.5070, -7.8983

Complementary

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



150.3060, -30.7169, 52.3516



147.6940, 30.7169, -52.3516

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.



137.4010, 45.1583, -64.3727



150.3060, -30.7169, 52.3516



121.1250, 30.0114, -106.2266

Square

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



150.3060, -30.7169, 52.3516



138.2900, -16.9050, -37.9653



121.8380, 45.4359, -106.8519



155.3010, 20.5576, 33.0620

Rectangle

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



150.3060, -30.7169, 52.3516



145.8370, -36.4016, 8.9130



121.8380, 45.4359, -106.8519



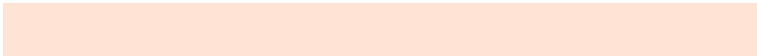
148.9330, 38.4870, -24.4972

Sweetspot

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



150.3060, -30.7169, 52.3516



233.6620, -10.6794, 18.7134



133.4840, 16.5234, 67.1045



115.0570, -6.4371, 11.3510



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.



150.3060, -30.7169, 52.3516



167.7900, -44.7595, 76.4832



185.5260, -48.0803, 21.4637



99.6370, -2.7790, 4.7034



86.0390, -42.4172, 71.8798



21.0640, -10.3846, 17.4839

Inverse Universe

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



147.6940, 30.7169, -52.3516



164.2100, 44.7595, -76.4832



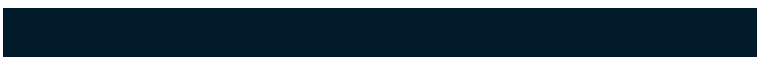
112.4740, 48.0803, -21.4637



99.3630, 2.7790, -4.7034



82.5480, 42.1278, -72.3946



19.9360, 10.3846, -17.4839

Previews

White Background



This preview shows how the YUV color 150.3060, -30.7169, 52.3516 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 150.3060, -30.7169, 52.3516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

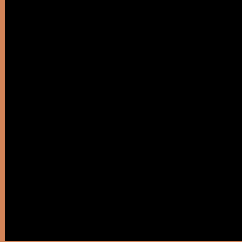
Any Text WCAG AA ✓ Pass

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 150.3060, -30.7169, 52.3516 Background



This preview shows how black text looks on a background with the YUV color 150.3060, -30.7169, 52.3516.



This preview shows how white text looks on a background with the YUV color 150.3060, -30.7169, 52.3516.

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

150.3060, -30.7169, 52.3516

Protanopia

148.8020, -26.5244, 14.2056

Deuteranopia

149.5330, -31.8148, 31.1046



Tritanopia

153.0390, -8.8932, 52.5858

Trichromacy



Original Color

150.3060, -30.7169, 52.3516

Protanomaly

149.1350, -28.1676, 27.9456

Deuteranomaly

149.9900, -31.5471, 38.5968

Tritanomaly

151.9760, -16.7502, 52.6410

Monochromacy



Original Color

150.3060, -30.7169, 52.3516

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

149.8470, -11.2636, 19.4282

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.3060, -30.7169, 52.3516 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(210, 132, 88)` looks like.

```
.text, #text, p{  
    color:rgb(210, 132, 88)  
}
```

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(210, 132, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 132, 88) }
```

Border

The CSS property to change the border of an element to YUV 150.3060, -30.7169, 52.3516 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(210, 132, 88) }
```


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

```
.border{ border-color:rgb(210, 132, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 132, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 132, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 132, 88);  
box-shadow:4px 4px 4px 4px rgb(210, 132,  
88) }
```

Background

The CSS property to change the background color of an element to YUV 150.3060, -30.7169, 52.3516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 132, 88) }
```

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

```
.background{ background-color: rgb(210,  
132, 88) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor