

Converting Colors

YUV(165.3980, -30.2692,
48.7630)

Have a look what the booklet for
YUV(165.3980, -30.2692, 48.7630)
contains.

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Color

**YUV(165.3980, -30.2692,
48.7630)**

Conversions

Conversions Part 1

Format	Color
Hex	DD9568
RGB	221, 149, 104
RGB Percent	87%, 58%, 41%
CMY	0.1333, 0.4157, 0.5922
CMYK	0.00, 0.33, 0.53, 0.13
HSL	23°, 63%, 64%
HSV	23°, 53%, 87%
XYZ	43.0649, 37.8665, 18.1359
YIQ	165.3980, 57.3570, 1.2690

Conversions

Conversions Part 2

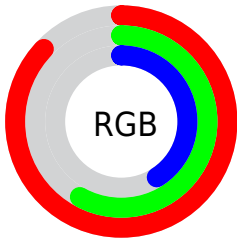
Format	Color
RYB	221, 177, 104
Decimal	14521704
CIELab	67.92, 22.30, 34.65
CIELCh	68, 41.205, 57.241
Yxy	37.8665, 0.4347, 0.3822
Android (android.graphics.Color)	4292711784 (0xFFDD9568)
YUV	165.3980, -30.2692, 48.7630
Hunter-Lab	61.5358, 17.2330, 25.6010

Details

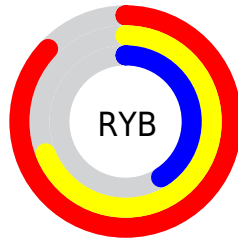
The YUV color **165.3980, -30.2692, 48.7630** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **159.6020, 30.2692, -48.7630**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.1900, -28.1947, 36.6674**, and **112.6470, -27.9270, 44.1596** is the 20% darker color. If you saturate the color by 10%, you get **154.6720, -35.8273, 58.1697**, and if you desaturate by 10%, it is **176.1240, -24.7111, 39.3563**.

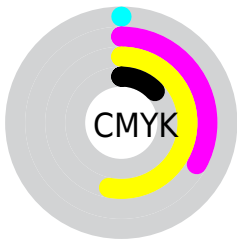
Distribution



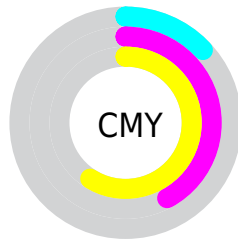
- Red (87%)
- Green (58%)
- Blue (41%)



- Red (87%)
- Yellow (69%)
- Blue (41%)



- Cyan (0%)
- Magenta (33%)
- Yellow (53%)
- Black (13%)



- Cyan (13%)
- Magenta (42%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.3980, -30.2692, 48.7630 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 165.3980, -30.2692, 48.7630 by changing the saturation by 10% instead.

165.3980,
-30.2692, 48.7630

165.3980,
-30.2692, 48.7630

255.0000, 0.0000,
0.0000

138.6150,
-29.3902, 46.8186

213.1900,
-28.1947, 36.6674

112.6470,
-27.9270, 44.1596

233.2910,
-24.7935, 19.0388

87.2660, -26.7531,
40.9857

249.9840,
-19.2191, 4.3990

62.1840, -25.7267,
38.4266

253.1760, -6.9888,
1.5996

40.3560, -19.8955,
34.7678

19.3690, -9.5489,
29.4944

7.8880, -3.3958,

15.8842

■ 0.0000, 0.0000,
0.0000

■ 165.3980,
-30.2692, 48.7630

■ 165.3980,
-30.2692, 48.7630

■ 154.6720,
-35.8273, 58.1697

■ 176.1240,
-24.7111, 39.3563

■ 144.5330,
-41.6748, 67.0616

■ 186.2630,
-18.8637, 30.4643

■ 133.8070,
-47.2329, 76.4683

■ 196.9890,
-13.3056, 21.0576

■ 123.6680,
-53.0803, 85.3602

■ 207.1280, -7.4581,
12.1657

■ 115.9740,
-57.1752, 92.1078

■ 217.9680, -1.4632,
2.6591

■ 228.6940, 4.0949,
-6.7476

■ 238.3770, 8.1951,
-15.2396

■ 244.8340, 5.0118,
-20.9024

Harmonies

Analogous

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



166.7320, -16.6299, 60.7480



165.3980, -30.2692, 48.7630



162.7620, -35.8717, 25.6417

Triad

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



165.3980, -30.2692, 48.7630



141.8990, 9.4168, -80.5954



167.6430, 31.7280, -3.1949

Complementary

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



165.3980, -30.2692, 48.7630



159.6020, 30.2692, -48.7630

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.



157.2350, 40.3101, -49.3181



165.3980, -30.2692, 48.7630



130.5800, 33.2381, -114.5187

Square

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



165.3980, -30.2692, 48.7630



153.2730, -14.4316, -37.9504



131.5380, 47.0628, -115.3588



170.5030, 17.5000, 33.7619

Rectangle

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



165.3980, -30.2692, 48.7630



160.6240, -33.3386, 6.4688



131.5380, 47.0628, -115.3588



165.3530, 34.8290, -17.8496

Sweetspot

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



165.3980, -30.2692, 48.7630



235.6510, -10.6739, 16.9691



147.1910, 14.2028, 64.7305



116.3450, -6.5791, 10.2214



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.



165.3980, -30.2692, 48.7630



177.7180, -42.2590, 67.7763



199.4440, -47.0539, 18.9046



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.



159.6020, 30.2692, -48.7630



169.2820, 42.2590, -67.7763



125.5560, 47.0539, -18.9046



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 165.3980, -30.2692, 48.7630 looks on a white background.

Color Contrast Check

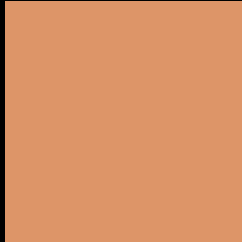
Large Text (above 18pt) WCAG AA × Fail

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 165.3980, -30.2692, 48.7630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

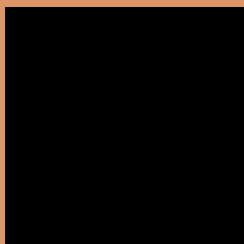
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 165.3980, -30.2692, 48.7630

Background



This preview shows how black text looks on a background with the YUV color 165.3980, -30.2692, 48.7630.



This preview shows how white text looks on a background with the YUV color 165.3980, -30.2692, 48.7630.

48.7630.

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

165.3980, -30.2692, 48.7630

Protanopia

163.9160, -26.0876, 14.1057

Deuteranopia

164.4730, -30.7992, 32.0342



Tritanopia

168.6580, -7.7194, 49.4119

Trichromacy



Original Color

165.3980, -30.2692, 48.7630

Protanomaly

164.5370, -27.8727, 26.7161

Deuteranomaly

164.9190, -30.5261, 37.7820

Tritanomaly

167.4810, -16.0131, 49.5672

Monochromacy



Original Color

165.3980, -30.2692, 48.7630

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

164.9500, -10.8213, 17.5839

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.3980, -30.2692, 48.7630 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(221, 149, 104)` looks like.

```
.text, #text, p{  
    color:rgb(221, 149, 104)  
}
```

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(221, 149, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 149, 104) }
```

Border

The CSS property to change the border of an element to YUV 165.3980, -30.2692, 48.7630 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(221, 149, 104) }
```


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

```
.border{ border-color:rgb(221, 149, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 149, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 149, 104); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 149, 104); box-shadow:4px 4px 4px 4px rgb(221, 149, 104) }
```

Background

The CSS property to change the background color of an element to YUV 165.3980, -30.2692, 48.7630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 149, 104) }
```

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

```
.background{ background-color: rgb(221,  
149, 104) }
```

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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