

Converting Colors

YUV(163.5120, -29.8324,
48.6630)

Have a look what the booklet for
YUV(163.5120, -29.8324, 48.6630)
contains.

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Color

**YUV(163.5120, -29.8324,
48.6630)**

Conversions

Conversions Part 1

Format	Color
Hex	DB9367
RGB	219, 147, 103
RGB Percent	86%, 58%, 40%
CMY	0.1412, 0.4235, 0.5961
CMYK	0.00, 0.33, 0.53, 0.14
HSL	23°, 62%, 63%
HSV	23°, 53%, 86%
XYZ	42.0953, 36.9068, 17.7370
YIQ	163.5120, 57.0360, 1.5800

Conversions

Conversions Part 2

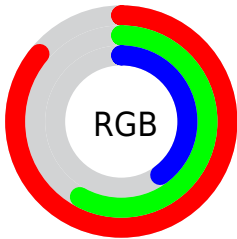
Format	Color
R _Y B	219, 174, 103
Decimal	14390119
CIE Lab	67.21, 22.47, 34.23
CIE LCh	67, 40.950, 56.713
Yxy	36.9068, 0.4351, 0.3815
Android (android.graphics.Color)	4292580199 (0xFFDB9367)
YUV	163.5120, -29.8324, 48.6630
Hunter-Lab	60.7509, 17.3714, 25.2152

Details

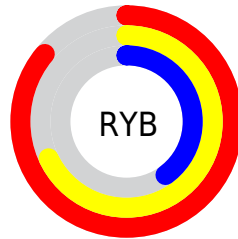
The YUV color **163.5120, -29.8324, 48.6630** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **158.4880, 29.8324, -48.6630**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.9020, -28.0527, 37.7969**, and **110.7610, -27.4902, 44.0596** is the 20% darker color. If you saturate the color by 10%, you get **152.7860, -35.3905, 58.0697**, and if you desaturate by 10%, it is **174.2380, -24.2743, 39.2563**.

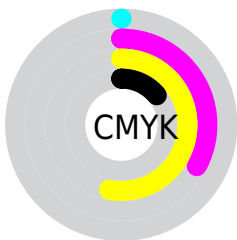
Distribution



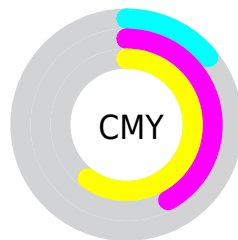
- Red (86%)
- Green (58%)
- Blue (40%)



- Red (86%)
- Yellow (68%)
- Blue (40%)



- Cyan (0%)
- Magenta (33%)
- Yellow (53%)
- Black (14%)



- Cyan (14%)
- Magenta (42%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.5120, -29.8324, 48.6630 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 163.5120, -29.8324, 48.6630 by changing the saturation by 10% instead.

163.5120,
-29.8324, 48.6630

163.5120,
-29.8324, 48.6630

255.0000, 0.0000,
0.0000

136.7290,
-28.9534, 46.7187

211.9020,
-28.0527, 37.7969

110.7610,
-27.4902, 44.0596

231.4160,
-24.3621, 20.6832

85.3800, -26.3163,
40.8857

249.8700,
-19.6559, 4.4990

61.1840, -25.7267,
38.4266

253.0620, -7.4256,
1.6996

38.5840, -19.0219,
34.5678

18.1840, -8.9647,
28.7796

6.5780, -3.2430,

13.5251

■ 0.0000, 0.0000,
0.0000

■ 163.5120,
-29.8324, 48.6630

■ 163.5120,
-29.8324, 48.6630

■ 152.7860,
-35.3905, 58.0697

■ 174.2380,
-24.2743, 39.2563

■ 142.6470,
-41.2380, 66.9616

■ 184.3770,
-18.4269, 30.3644

■ 131.9210,
-46.7961, 76.3683

■ 195.1030,
-12.8688, 20.9577

■ 121.7820,
-52.6435, 85.2602

■ 205.2420, -7.0213,
12.0658

■ 114.2020,
-56.3016, 91.9078

■ 215.8540, -1.9000,
2.7590

■ 226.5800, 3.6581,
-6.6477

■ 236.6050, 9.0687,
-15.4396

■ 244.2360, 5.3067,
-22.1320

Harmonies

Analogous

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



165.4330, -16.4825, 60.1333



163.5120, -29.8324, 48.6630



161.1750, -35.5823, 26.1565

Triad

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



163.5120, -29.8324, 48.6630



140.6820, 8.5378, -78.6511



165.8170, 31.1492, -4.2245

Complementary

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



163.5120, -29.8324, 48.6630



158.4880, 29.8324, -48.6630

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.



155.5230, 40.1682, -50.4477



163.5120, -29.8324, 48.6630



129.1780, 32.9432, -113.2891

Square

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



163.5120, -29.8324, 48.6630



151.5720, -14.5790, -37.3356



130.0220, 46.3312, -114.0293



168.3180, 18.0842, 33.0471

Rectangle

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



163.5120, -29.8324, 48.6630



158.9230, -33.4860, 7.0835



130.0220, 46.3312, -114.0293



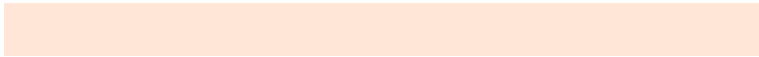
163.0540, 34.9764, -18.4644

Sweetspot

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



163.5120, -29.8324, 48.6630



235.6510, -10.6739, 16.9691



146.0060, 14.7870, 64.0157



115.7580, -6.2897, 10.7362



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.



163.5120, -29.8324, 48.6630



177.1310, -41.9696, 68.2911



196.9710, -46.3277, 19.3194



104.6370, -2.7790, 4.7034



90.4690, -44.6012, 72.3797



23.7330, -11.7004, 19.5282

Inverse Universe

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



158.4880, 29.8324, -48.6630



169.8690, 41.9696, -68.2911



125.0290, 46.3277, -19.3194



103.7760, 3.0684, -4.1886



83.1180, 44.3118, -72.8945



21.6800, 11.9898, -19.0134

Previews

White Background



This preview shows how the YUV color 163.5120, -29.8324, 48.6630 looks on a white background.

Color Contrast Check

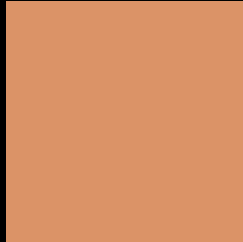
Large Text (above 18pt) WCAG AA × Fail

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 163.5120, -29.8324, 48.6630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

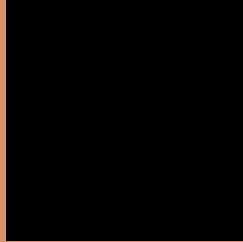
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 163.5120, -29.8324, 48.6630

Background



This preview shows how black text looks on a background with the YUV color 163.5120, -29.8324, 48.6630.



This preview shows how white text looks on a background with the YUV color 163.5120, -29.8324,

48.6630.

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

163.5120, -29.8324, 48.6630

Protanopia

162.0300, -25.6508, 14.0057

Deuteranopia

162.8750, -30.5044, 30.8046



Tritanopia

166.6580, -7.7194, 49.4119

Trichromacy



Original Color

163.5120, -29.8324, 48.6630

Protanomaly

162.6510, -27.4359, 26.6161

Deuteranomaly

163.0330, -30.0893, 37.6821

Tritanomaly

165.5950, -15.5763, 49.4672

Monochromacy



Original Color

163.5120, -29.8324, 48.6630

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

163.9500, -10.8213, 17.5839

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.5120, -29.8324, 48.6630 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(219, 147, 103)` looks like.

```
.text, #text, p{  
    color:rgb(219, 147, 103)  
}
```

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(219, 147, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 147, 103) }
```

Border

The CSS property to change the border of an element to YUV 163.5120, -29.8324, 48.6630 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(219, 147, 103) }
```


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

```
.border{ border-color:rgb(219, 147, 103) }
```

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

Here you see how a box with a 4 pixel rgb(219, 147, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 147, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 147, 103);  
box-shadow:4px 4px 4px 4px rgb(219, 147,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 163.5120, -29.8324, 48.6630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 147, 103) }
```

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

```
.background{ background-color: rgb(219,  
147, 103) }
```

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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