

Converting Colors

YUV(151.5230, -29.8378,
50.4073)

Have a look what the booklet for
YUV(151.5230, -29.8378, 50.4073)
contains.

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Color

**YUV(151.5230, -29.8378,
50.4073)**

Conversions

Conversions Part 1

Format	Color
Hex	D1865B
RGB	209, 134, 91
RGB Percent	82%, 53%, 36%
CMY	0.1804, 0.4745, 0.6431
CMYK	0.00, 0.36, 0.56, 0.18
HSL	22°, 56%, 59%
HSV	22°, 56%, 82%
XYZ	36.7079, 31.3608, 14.0161
YIQ	151.5230, 58.5030, 2.5270

Conversions

Conversions Part 2

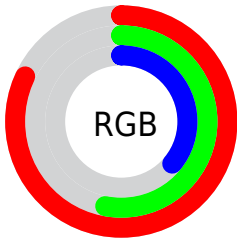
Format	Color
R_{YB}	209, 159, 91
Decimal	13731419
CIE _{Lab}	62.81, 24.42, 34.90
CIE _{LCh}	63, 42.591, 55.021
Yxy	31.3608, 0.4472, 0.3821
Android (android.graphics.Color)	4291921499 (0xFFD1865B)
YUV	151.5230, -29.8378, 50.4073
Hunter-Lab	56.0007, 19.0036, 24.3612

Details

The YUV color **151.5230, -29.8378, 50.4073** 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 **148.4770, 29.8378, -50.4073**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.7890, -29.9690, 45.7890**, and **99.4730, -27.3482, 45.1892** is the 20% darker color. If you saturate the color by 10%, you get **141.4980, -35.2485, 59.1993**, and if you desaturate by 10%, it is **161.5480, -24.4272, 41.6154**.

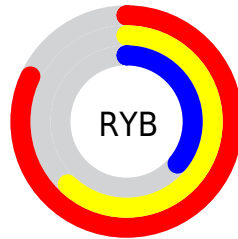
Distribution



Red (82%)

Green (53%)

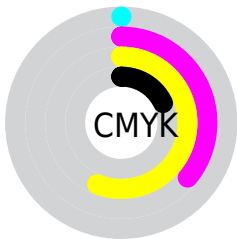
Blue (36%)



Red (82%)

Yellow (62%)

Blue (36%)

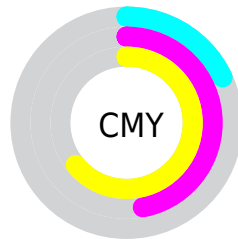


Cyan (0%)

Magenta (36%)

Yellow (56%)

Black (18%)



Cyan (18%)

Magenta (47%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.5230, -29.8378, 50.4073 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 151.5230, -29.8378, 50.4073 by changing the saturation by 10% instead.

151.5230,
-29.8378, 50.4073

151.5230,
-29.8378, 50.4073

255.0000, 0.0000,
0.0000

124.8540,
-28.5220, 48.3630

202.7890,
-29.9690, 45.7890

99.4730, -27.3482,
45.1892

222.3030,
-26.2784, 28.6753

74.3910, -26.3218,
42.6301

241.8170,
-22.5878, 11.5615

50.1240, -24.7111,
39.3563

251.4660,
-13.5407, 3.0993

28.5500, -14.0752,
34.5977

254.7720, -0.8736,
0.2000

12.8570, -6.3385,
26.4354

0.0000, 0.0000,

0.0000

■ 151.5230,
-29.8378, 50.4073

■ 151.5230,
-29.8378, 50.4073

■ 141.4980,
-35.2485, 59.1993

■ 161.5480,
-24.4272, 41.6154

■ 130.8860,
-40.3698, 68.5060

■ 172.1600,
-19.3059, 32.3087

■ 120.8610,
-45.7805, 77.2979

■ 182.1850,
-13.8952, 23.5168

■ 110.8360,
-51.1911, 86.0898

■ 192.2100, -8.4845,
14.7248

■ 107.1030,
-52.8018, 89.3637

■ 202.2350, -3.0739,
5.9329

■ 212.7330, 1.6106,
-3.2738

■ 222.7580, 7.0213,
-12.0658

■ 232.4410, 11.1216,
-20.5578

■ 240.6590, 7.0701,
-27.7649

Harmonies

Analogous

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



152.7860, -15.1775, 61.5777



151.5230, -29.8378, 50.4073



149.5450, -36.7507, 27.5860

Triad

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



151.5230, -29.8378, 50.4073



123.6700, 10.0227, -88.2876



153.9630, 33.0492, -6.9836

Complementary

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



151.5230, -29.8378, 50.4073



148.4770, 29.8378, -50.4073

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.



140.7500, 42.5213, -58.5397



151.5230, -29.8378, 50.4073



121.2390, 30.4482, -106.3266

Square

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



151.5230, -29.8378, 50.4073



139.5290, -16.0368, -36.4209



122.3110, 44.7097, -107.2667



156.3610, 19.5420, 32.1324

Rectangle

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



151.5230, -29.8378, 50.4073



147.2930, -34.6544, 8.5130



122.3110, 44.7097, -107.2667



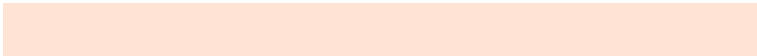
150.4880, 36.7344, -22.3530

Sweetspot

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



151.5230, -29.8378, 50.4073



233.6620, -10.6794, 18.7134



135.0600, 16.2394, 64.8454



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.



151.5230, -29.8378, 50.4073



170.7080, -43.7330, 73.9241



184.9820, -46.3331, 21.0638



99.6370, -2.7790, 4.7034



86.0390, -42.4172, 71.8798



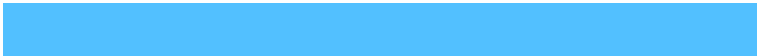
21.0640, -10.3846, 17.4839

Inverse Universe

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



148.4770, 29.8378, -50.4073



166.2920, 43.7330, -73.9241



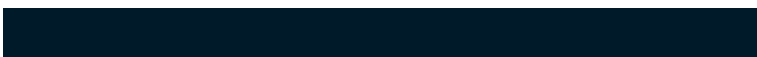
115.0180, 46.3331, -21.0638



99.3630, 2.7790, -4.7034



81.9610, 42.4172, -71.8798



19.9360, 10.3846, -17.4839

Previews

White Background



This preview shows how the YUV color 151.5230, -29.8378, 50.4073 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 151.5230, -29.8378, 50.4073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

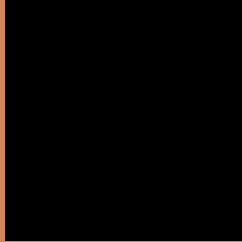
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 151.5230, -29.8378, 50.4073

Background



This preview shows how black text looks on a background with the YUV color 151.5230, -29.8378, 50.4073.



This preview shows how white text looks on a background with the YUV color 151.5230, -29.8378,

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

151.5230, -29.8378, 50.4073

Protanopia

150.0300, -25.6508, 14.0057

Deuteranopia

150.5760, -30.3570, 30.1898



Tritanopia

154.2560, -8.0142, 50.6415

Trichromacy



Original Color

151.5230, -29.8378, 50.4073

Protanomaly

150.3630, -27.2940, 27.7456

Deuteranomaly

151.0330, -30.0893, 37.6821

Tritanomaly

153.1930, -15.8711, 50.6967

Monochromacy



Original Color

151.5230, -29.8378, 50.4073

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

151.6620, -10.6794, 18.7134

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.5230, -29.8378, 50.4073 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(209, 134, 91)` looks like.

```
.text, #text, p{  
    color:rgb(209, 134, 91)  
}
```

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(209, 134, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 134, 91) }
```

Border

The CSS property to change the border of an element to YUV 151.5230, -29.8378, 50.4073 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(209, 134, 91) }
```


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

```
.border{ border-color:rgb(209, 134, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 134, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 134, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 134, 91);  
box-shadow:4px 4px 4px 4px rgb(209, 134,  
91) }
```

Background

The CSS property to change the background color of an element to YUV 151.5230, -29.8378, 50.4073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 134, 91) }
```

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

```
.background{ background-color: rgb(209,  
134, 91) }
```

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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