

Converting Colors

YUV(150.5210, -30.3299,
21.4681)

Have a look what the booklet for
YUV(150.5210, -30.3299, 21.4681)
contains.

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Color

**YUV(150.5210, -30.3299,
21.4681)**

Conversions

Conversions Part 1

Format	Color
Hex	AF9659
RGB	175, 150, 89
RGB Percent	69%, 59%, 35%
CMY	0.3137, 0.4118, 0.6510
CMYK	0.00, 0.14, 0.49, 0.31
HSL	43°, 35%, 52%
HSV	43°, 49%, 69%
XYZ	30.3887, 31.6479, 13.9582
YIQ	150.5210, 34.4810, -13.6710

Conversions

Conversions Part 2

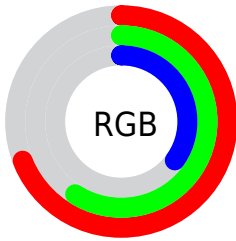
Format	Color
RYB	124, 175, 89
Decimal	11507289
CIELab	63.05, 1.16, 35.45
CIELCh	63, 35.469, 88.126
Yxy	31.6479, 0.3999, 0.4164
Android (android.graphics.Color)	4289697369 (0xFFAF9659)
YUV	150.5210, -30.3299, 21.4681
Hunter-Lab	56.2565, -2.0264, 24.6687

Details

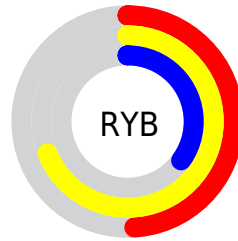
The YUV color **150.5210, -30.3299, 21.4681** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **113.4790, 30.3299, -21.4681**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.0760, -32.0825, 23.6123**, and **98.6670, -28.4298, 18.7090** is the 20% darker color. If you saturate the color by 10%, you get **145.6480, -36.3085, 25.7417**, and if you desaturate by 10%, it is **155.3940, -24.3512, 17.1945**.

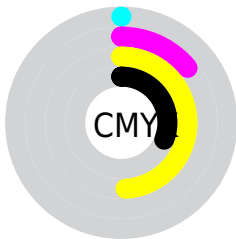
Distribution



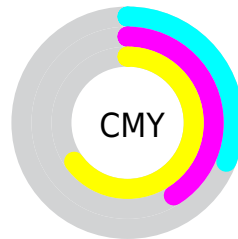
- Red (69%)
- Green (59%)
- Blue (35%)



- Red (49%)
- Yellow (69%)
- Blue (35%)



- Cyan (0%)
- Magenta (14%)
- Yellow (49%)
- Black (31%)



- Cyan (31%)
- Magenta (41%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.5210, -30.3299, 21.4681 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 150.5210, -30.3299, 21.4681 by changing the saturation by 10% instead.

■ 150.5210,
-30.3299, 21.4681

■ 150.5210,
-30.3299, 21.4681

■ 255.0000, 0.0000,
0.0000

■ 124.1510,
-29.1614, 20.0386

■ 205.0760,
-32.0825, 23.6123

■ 98.6670, -28.4298,
18.7090

■ 231.4670,
-31.7822, 20.6384

■ 74.6560, -28.4244,
16.9647

■ 248.0460,
-26.6447, 6.0987

■ 51.7420, -25.5088,
15.1353

■ 251.2380,
-14.4143, 3.2993

■ 31.9400, -15.7464,
10.5766

■ 254.5440, -1.7472,
0.3999

■ 11.2520, -5.5472,
5.9180

■ 0.0000, 0.0000,

0.0000

■ 150.5210,
-30.3299, 21.4681

■ 150.5210,
-30.3299, 21.4681

■ 145.6480,
-36.3085, 25.7417

■ 155.3940,
-24.3512, 17.1945

■ 140.6610,
-42.7239, 30.1153

■ 160.3810,
-17.9358, 12.8209

■ 135.7880,
-48.7025, 34.3889

■ 165.2540,
-11.9572, 8.5472

■ 130.8010,
-55.1179, 38.7625

■ 170.2410, -5.5418,
4.1736

■ 125.8140,
-61.5333, 43.1361

■ 175.1140, 0.4368,
-0.1000

■ 125.1130,
-61.6807, 43.7509

■ 180.6880, 6.5628,
-4.9884

■ 185.6750, 12.9782,
-9.3620

■ 190.5480, 18.9568,
-13.6356

■ 195.5350, 25.3722,
-18.0092

Harmonies

Analogous

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



152.7930, -26.0269, 41.4005



150.5210, -30.3299, 21.4681



147.6210, -25.4492, -4.0526

Triad

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



150.5210, -30.3299, 21.4681



120.4350, 29.8585, -103.8675



156.6720, 14.4587, 29.2287

Complementary

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



150.5210, -30.3299, 21.4681



113.4790, 30.3299, -21.4681

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.



154.5740, 26.3390, -1.3804



150.5210, -30.3299, 21.4681



132.1960, 35.8924, -79.1019

Square

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



150.5210, -30.3299, 21.4681



134.4280, 7.1840, -64.3964



146.8790, 33.5837, -38.4819



156.0090, -0.0044, 48.2271

Rectangle

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



150.5210, -30.3299, 21.4681



143.9760, -17.2432, -22.7810



146.8790, 33.5837, -38.4819



157.0560, 18.7064, 20.1219

Sweetspot

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



150.5210, -30.3299, 21.4681



217.2540, -11.9572, 8.5472



117.6780, -1.3203, 50.2714



109.0840, -7.4364, 5.1883



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



150.5210, -30.3299, 21.4681



188.8310, -47.2447, 33.4742



160.1130, -35.0587, -1.8531



84.2130, -3.0630, 2.4442



107.6590, -53.0759, 37.1331



16.2690, -8.0206, 5.9031

Inverse Universe

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



113.4790, 30.3299, -21.4681



131.1690, 47.2447, -33.4742



103.8870, 35.0587, 1.8531



80.7870, 3.0630, -2.4442



42.9280, 52.7865, -37.6479



6.7310, 8.0206, -5.9031

Previews

White Background



This preview shows how the YUV color 150.5210, -30.3299, 21.4681 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 150.5210, -30.3299, 21.4681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

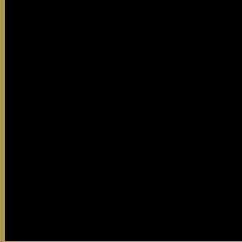
Any Text WCAG AA ✓ Pass

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 150.5210, -30.3299, 21.4681 Background



This preview shows how black text looks on a background with the YUV color 150.5210, -30.3299, 21.4681.



This preview shows how white text looks on a background with the YUV color 150.5210, -30.3299, 21.4681.

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

150.5210, -30.3299, 21.4681

Protanopia

150.0040, -29.5820, 14.9055

Deuteranopia

151.5760, -30.3570, 30.1898



Tritanopia

154.9150, -0.9441, 22.8765

Trichromacy



Original Color

150.5210, -30.3299, 21.4681

Protanomaly

150.3140, -29.7348, 17.2646

Deuteranomaly

150.9670, -30.0567, 27.2159

Tritanomaly

153.4560, -11.5638, 22.4021

Monochromacy



Original Color

150.5210, -30.3299, 21.4681

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

151.0690, -11.3730, 7.8325

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.5210, -30.3299, 21.4681 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(175, 150, 89)` looks like.

```
.text, #text, p{  
    color:rgb(175, 150, 89)  
}
```

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(175, 150, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 150, 89) }
```

Border

The CSS property to change the border of an element to YUV 150.5210, -30.3299, 21.4681 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(175, 150, 89) }
```


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

```
.border{ border-color:rgb(175, 150, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 150, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 150, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 150, 89);  
box-shadow:4px 4px 4px 4px rgb(175, 150,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 150.5210, -30.3299, 21.4681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 150, 89) }
```

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

```
.background{ background-color: rgb(175,  
150, 89) }
```

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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