

Converting Colors

YUV(151.1300, 12.7539,
-30.8090)

Have a look what the booklet for
YUV(151.1300, 12.7539, -30.8090)
contains.

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Color

**YUV(151.1300, 12.7539,
-30.8090)**

Conversions

Conversions Part 1

Format	Color
Hex	74A4B1
RGB	116, 164, 177
RGB Percent	45%, 64%, 69%
CMY	0.5451, 0.3569, 0.3059
CMYK	0.34, 0.07, 0.00, 0.31
HSL	193°, 28%, 57%
HSV	193°, 34%, 69%
XYZ	28.4137, 33.4382, 46.5516
YIQ	151.1300, -32.7810, -6.1330

Conversions

Conversions Part 2

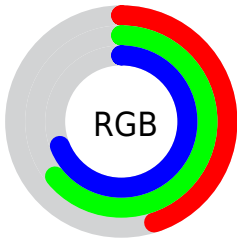
Format	Color
RYB	116, 143, 177
Decimal	7644337
CIELab	64.51, -12.72, -11.85
CIElCh	65, 17.385, 222.972
Yxy	33.4382, 0.2621, 0.3085
Android (android.graphics.Color)	4285834417 (0xFF74A4B1)
YUV	151.1300, 12.7539, -30.8090
Hunter-Lab	57.8258, -13.4861, -7.2523

Details

The YUV color **151.1300, 12.7539, -30.8090** is a light color, and the websafe version is hex **669999**. A complement of this color would be **141.8700, -12.7539, 30.8090**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.9450, 13.3381, -31.5238**, and **99.0160, 12.3171, -30.7090** is the 20% darker color. If you saturate the color by 10%, you get **143.4000, 16.5648, -39.8158**, and if you desaturate by 10%, it is **158.8600, 8.9430, -21.8022**.

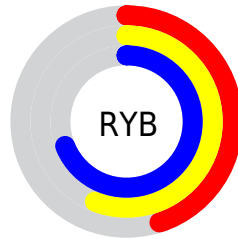
Distribution



Red (45%)

Green (64%)

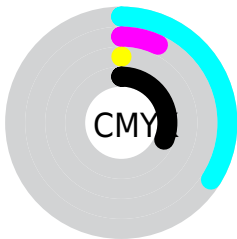
Blue (69%)



Red (45%)

Yellow (56%)

Blue (69%)

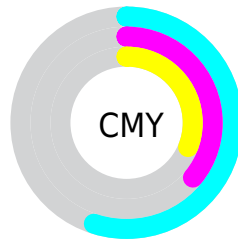


Cyan (34%)

Magenta (7%)

Yellow (0%)

Black (31%)



Cyan (55%)

Magenta (36%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.1300, 12.7539, -30.8090 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 151.1300, 12.7539, -30.8090 by changing the saturation by 10% instead.

■ 151.1300, 12.7539,
-30.8090

■ 151.1300, 12.7539,
-30.8090

255.0000, 0.0000,
0.0000

■ 125.0160, 12.3171,
-30.7090

■ 205.9450, 13.3381,
-31.5238

■ 99.0160, 12.3171,
-30.7090

■ 233.8480, 10.4279,
-31.4387

■ 74.4180, 12.6119,
-31.9386

■ 246.3290, 4.2748,
-17.8285

■ 48.3250, 13.6438,
-36.2420

■ 30.6960, 10.9959,
-26.9204

■ 17.1490, 7.3215,
-15.0397

■ 0.6840, 2.6208,

-0.5999

■ 0.0000, 0.0000,
0.0000

■ 151.1300, 12.7539,
-30.8090

■ 151.1300, 12.7539,
-30.8090

■ 143.4000, 16.5648,
-39.8158

■ 158.8600, 8.9430,
-21.8022

■ 135.9690, 20.2283,
-48.2078

■ 166.2910, 5.2795,
-13.4102

■ 128.8260, 23.7498,
-57.7294

■ 173.4340, 1.7580,
-3.8886

■ 121.0960, 27.5607,
-66.7362

■ 181.1640, -2.0529,
5.1182

■ 113.3660, 31.3716,
-75.7430

■ 188.5950, -5.7163,
13.5102

■ 105.9350, 35.0350,
-84.1350

■ 196.3250, -9.5272,
22.5170

■ 101.7710, 37.0879,
-89.2532

■ 203.4680,
-13.0487, 32.0386

■ 210.3010,
-16.4174, 39.2010

■ 212.6490,
-17.5750, 37.1418

Harmonies

Analogous

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



150.1210, 6.3493, -29.9241



151.1300, 12.7539, -30.8090



153.3960, 16.0738, -22.2723

Triad

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



151.1300, 12.7539, -30.8090



159.6310, 3.1399, 19.6176



155.2490, -14.4198, 5.0436

Complementary

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



151.1300, 12.7539, -30.8090



141.8700, -12.7539, 30.8090

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.



156.6250, -14.6051, 17.8689



151.1300, 12.7539, -30.8090



159.3130, -4.5913, 26.0355

Square

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



151.1300, 12.7539, -30.8090



158.3890, 10.1612, 7.5518



158.2930, -10.9904, 25.1760



153.3120, -10.0138, -8.1666

Rectangle

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



151.1300, 12.7539, -30.8090



155.6360, 15.4625, -12.8358



158.2930, -10.9904, 25.1760



155.8690, -14.7254, 9.7619

Sweetspot

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



151.1300, 12.7539, -30.8090



220.1880, 4.8373, -11.5659



153.1750, -12.4113, -32.6025



109.0530, 2.9319, -7.0625



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.



151.1300, 12.7539, -30.8090



189.2680, 20.0809, -47.5930



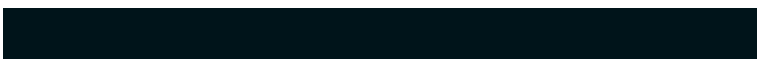
133.5200, 21.4356, -15.3650



85.1350, 1.9054, -4.5034



87.8820, 32.1032, -77.0725



14.7040, 5.5689, -12.8954

Inverse Universe

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



139.7110, 11.9745, 32.7025



171.8410, 18.3194, 51.0054



159.4800, -21.4356, 15.3650



83.4890, 1.7309, 4.8331



59.4270, 29.8625, 82.0635



10.0540, 4.9034, 13.9846

Previews

White Background



This preview shows how the YUV color 151.1300, 12.7539, -30.8090 looks on a white background.

Color Contrast Check

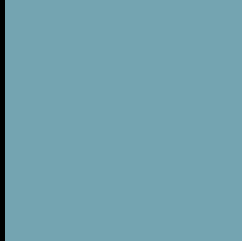
Large Text (above 18pt) WCAG AA × Fail

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 151.1300, 12.7539, -30.8090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

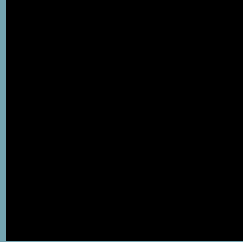
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 151.1300, 12.7539, -30.8090

Background



This preview shows how black text looks on a background with the YUV color 151.1300, 12.7539, -30.8090.



This preview shows how white text looks on a background with the YUV color 151.1300, 12.7539, -30.8090.

-30.8090.

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

151.1300, 12.7539, -30.8090

Protanopia

156.5250, 7.1362, -2.2144

Deuteranopia

157.5840, 11.0511, 2.1188



Tritanopia

151.1300, 12.7539, -30.8090

Trichromacy



Original Color

151.1300, 12.7539, -30.8090

Protanomaly

154.3280, 9.2053, -12.5657

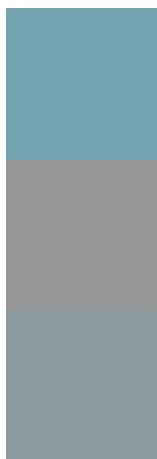
Deuteranomaly

155.0340, 11.8152, -9.6768

Tritanomaly

151.1300, 12.7539, -30.8090

Monochromacy



Original Color

151.1300, 12.7539, -30.8090

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

151.0740, 4.4005, -11.4659

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.1300, 12.7539, -30.8090 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(116, 164, 177)` looks like.

```
.text, #text, p{  
    color:rgb(116, 164, 177)  
}
```

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(116, 164, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 164, 177) }
```

Border

The CSS property to change the border of an element to YUV 151.1300, 12.7539, -30.8090 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(116, 164, 177) }
```


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

```
.border{ border-color:rgb(116, 164, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 164, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 164, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 164, 177);  
box-shadow:4px 4px 4px 4px rgb(116, 164,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 151.1300, 12.7539, -30.8090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 164, 177) }
```

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

```
.background{ background-color: rgb(116,  
164, 177) }
```

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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