

# Converting Colors

YUV(150.3380, 30.3994,  
-90.6274)

Have a look what the booklet for  
YUV(150.3380, 30.3994, -90.6274)  
contains.

<b>YUV(150.3380, 30.3994, -90.6274)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(150.3380, 30.3994,  
-90.6274)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2FBFD4
RGB	47, 191, 212
RGB Percent	18%, 75%, 83%
CMY	0.8157, 0.2510, 0.1686
CMYK	0.78, 0.10, 0.00, 0.17
HSL	188°, 66%, 51%
HSV	188°, 78%, 83%
XYZ	31.6868, 42.6194, 68.8437
YIQ	150.3380, -92.5650, -23.9970

# Conversions

## Conversions Part 2

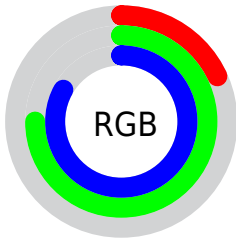
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	47, 124, 212
Decimal	3129300
CIE <sub>Lab</sub>	71.30, -29.58, -21.15
CIE <sub>LCh</sub>	71, 36.361, 215.564
Yxy	42.6194, 0.2214, 0.2977
Android (android.graphics.Color)	4281319380 (0xFF2FBFD4)
YUV	150.3380, 30.3994, -90.6274
Hunter-Lab	65.2835, -27.6074, -16.8248

# Details

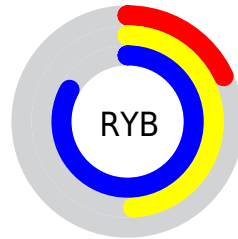
The YUV color **150.3380, 30.3994, -90.6274** is a dark color, and the websafe version is hex **66CCCC**. The color can be described as middle washed azure. A complement of this color would be **108.6620, -30.3994, 90.6274**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.5260, 21.9257, -79.3913**, and **98.3170, 28.9307, -86.2240** is the 20% darker color. If you saturate the color by 10%, you get **142.2980, 34.3631, -101.9933**, and if you desaturate by 10%, it is **158.3780, 26.4356, -79.2615**.

# Distribution



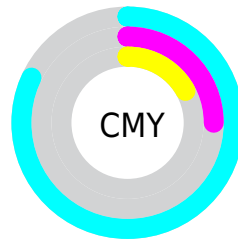
- Red (18%)
- Green (75%)
- Blue (83%)



- Red (18%)
- Yellow (49%)
- Blue (83%)



- Cyan (78%)
- Magenta (10%)
- Yellow (0%)
- Black (17%)



- Cyan (82%)
- Magenta (25%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 150.3380, 30.3994, -90.6274 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 150.3380, 30.3994, -90.6274 by changing the saturation by 10% instead.



150.3380, 30.3994,  
-90.6274

150.3380, 30.3994,  
-90.6274

255.0000, 0.0000,  
0.0000

117.2440, 32.9107,  
-102.8230

210.5260, 21.9257,  
-79.3913

98.3170, 28.9307,  
-86.2240

224.2030, 15.1829,  
-63.3220

80.0910, 25.0981,  
-70.2398

233.1730, 10.7607,  
-44.8787

63.1530, 21.1236,  
-55.3852

242.4420, 6.1911,  
-25.8206

46.3290, 17.5858,  
-40.6305

251.7110, 1.6215,  
-6.7625

30.7930, 13.9061,  
-27.0055

10.6750, 12.9782,

-9.3620

■ 2.1830, 5.8258,  
-1.9145

■ 0.0000, 0.0000,  
0.0000

■ 150.3380, 30.3994,  
-90.6274

■ 150.3380, 30.3994,  
-90.6274

■ 142.2980, 34.3631,  
-101.9933

■ 158.3780, 26.4356,  
-79.2615

■ 134.8450, 38.0374,  
-113.8741

■ 165.8310, 22.7613,  
-67.3808

■ 132.7630, 39.0638,  
-116.4332

■ 174.1700, 18.6502,  
-55.4001

■ 182.2100, 14.6865,  
-44.0342

■ 189.6630, 11.0121,  
-32.1535

■ 197.7030, 7.0484,  
-20.7875

■ 205.7430, 3.0847,  
-9.4216

■ 214.0820, -1.0264,  
2.5591

■ 221.5350, -4.7008,  
14.4398

# Harmonies

## Analogous

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



155.6380, 12.0105, -72.4735



150.3380, 30.3994, -90.6274



160.0880, 36.4386, -67.6062

# Triad

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



150.3380, 30.3994, -90.6274



179.3310, 11.6688, 37.4207



172.1460, -31.6240, 16.5350

# Complementary

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



150.3380, 30.3994, -90.6274



108.6620, -30.3994, 90.6274

# 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.



174.2720, -29.2211, 39.2265



150.3380, 30.3994, -90.6274



178.0050, -3.9465, 52.6156

# Square

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



150.3380, 30.3994, -90.6274



178.2870, 25.0015, 7.6413



176.4060, -18.9342, 53.1409



168.0330, -23.6803, -11.4299



# Rectangle

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



150.3380, 30.3994, -90.6274



168.3130, 35.3417, -42.3705



176.4060, -18.9342, 53.1409



172.7880, -31.9405, 24.7419

# Sweetspot

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



150.3380, 30.3994, -90.6274



233.2500, 10.7227, -32.6683



146.0210, -39.4504, -86.8414



114.3010, 6.7536, -19.5580



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

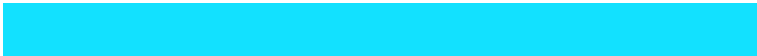


# Same Dimension

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



150.3380, 30.3994, -90.6274



166.5270, 43.6172, -130.2582



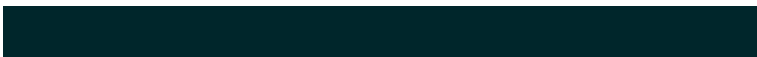
102.7910, 53.8400, -48.9287



103.1240, 1.9109, -6.2477



106.9570, 31.5732, -93.8013



27.2080, 7.7855, -23.8614



# Inverse Universe

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



112.7510, 38.5768, 87.0414



112.4610, 55.4817, 125.0067



156.2090, -53.8400, 48.9287



100.4290, 2.7465, 5.7628



68.1150, 39.8763, 90.2301

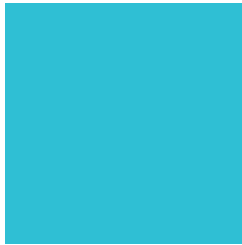


17.1890, 10.2598, 22.6362



# Previews

## White Background



This preview shows how the YUV color 150.3380, 30.3994, -90.6274 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 150.3380, 30.3994, -90.6274 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

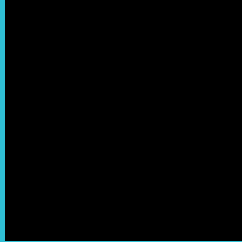
Any Text WCAG AA ✓ Pass

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 150.3380, 30.3994, -90.6274 Background



This preview shows how black text looks on a background with the YUV color 150.3380, 30.3994, -90.6274.



This preview shows how white text looks on a background with the YUV color 150.3380, 30.3994, -90.6274.

-90.6274.

# 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

150.3380, 30.3994, -90.6274

### Protanopia

173.8820, 12.3832, -5.1585

### Deuteranopia

174.7600, 20.8243, -5.9285



## Tritanopia

149.1590, 28.5156, -93.1014

# Trichromacy



## Original Color

150.3380, 30.3994, -90.6274

## Protanomaly

165.4050, 19.0273, -36.3122

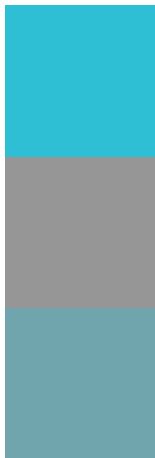
## Deuteranomaly

166.0720, 24.1215, -36.8971

## Tritanomaly

149.6860, 29.2418, -92.6866

# Monochromacy



## Original Color

150.3380, 30.3994, -90.6274

## Achromatopsia

150.0000, 0.0000, 0.0000

## Achromatomaly

150.3640, 11.1595, -32.7682

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 150.3380, 30.3994, -90.6274 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(47, 191, 212)` looks like.

```
.text, #text, p{  
    color:rgb(47, 191, 212)  
}
```

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(47, 191, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 191, 212) }
```

## Border

The CSS property to change the border of an element to YUV 150.3380, 30.3994, -90.6274 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(47, 191, 212) }
```



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

```
.border{ border-color:rgb(47, 191, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 191, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 191, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 191, 212);  
box-shadow:4px 4px 4px 4px rgb(47, 191,  
212) }
```

# Background

The CSS property to change the background color of an element to YUV 150.3380, 30.3994, -90.6274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 191, 212) }
```

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

```
.background{ background-color: rgb(47, 191,  
212) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor