

Converting Colors

YUV(148.9450, 13.3381,
-31.5238)

Have a look what the booklet for
YUV(148.9450, 13.3381, -31.5238)
contains.

YUV(148.9450, 13.3381, -31.5238)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(148.9450, 13.3381,
-31.5238)**

Conversions

Conversions Part 1

Format	Color
Hex	71A2B0
RGB	113, 162, 176
RGB Percent	44%, 64%, 69%
CMY	0.5569, 0.3647, 0.3098
CMYK	0.36, 0.08, 0.00, 0.31
HSL	193°, 29%, 57%
HSV	193°, 36%, 69%
XYZ	27.5669, 32.4860, 45.8918
YIQ	148.9450, -33.6980, -6.0340

Conversions

Conversions Part 2

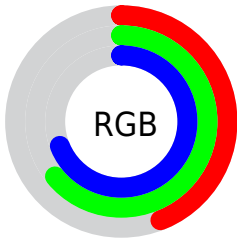
Format	Color
RYB	113, 141, 176
Decimal	7447216
CIELab	63.74, -12.75, -12.47
CIElCh	64, 17.831, 224.355
Yxy	32.4860, 0.2602, 0.3066
Android (android.graphics.Color)	4285637296 (0xFF71A2B0)
YUV	148.9450, 13.3381, -31.5238
Hunter-Lab	56.9965, -13.4106, -7.8410

Details

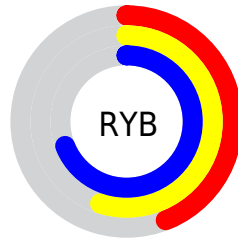
The YUV color **148.9450, 13.3381, -31.5238** is a light color, and the websafe version is hex **669999**. A complement of this color would be **140.0550, -13.3381, 31.5238**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.7600, 13.9223, -32.2385**, and **96.9450, 13.3381, -31.5238** is the 20% darker color. If you saturate the color by 10%, you get **141.2150, 17.1490, -40.5306**, and if you desaturate by 10%, it is **156.6750, 9.5272, -22.5170**.

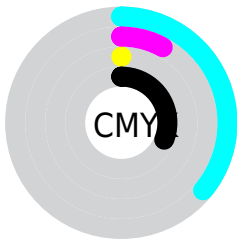
Distribution



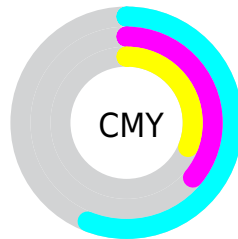
- Red (44%)
- Green (64%)
- Blue (69%)



- Red (44%)
- Yellow (55%)
- Blue (69%)



- Cyan (36%)
- Magenta (8%)
- Yellow (0%)
- Black (31%)



- Cyan (56%)
- Magenta (36%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.9450, 13.3381, -31.5238 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 148.9450, 13.3381, -31.5238 by changing the saturation by 10% instead.

■ 148.9450, 13.3381,
-31.5238

■ 148.9450, 13.3381,
-31.5238

■ 255.0000, 0.0000,
0.0000

■ 122.8310, 12.9013,
-31.4238

■ 203.7600, 13.9223,
-32.2385

■ 96.9450, 13.3381,
-31.5238

■ 231.1900, 11.7383,
-31.7386

■ 72.2330, 13.1961,
-32.6533

■ 245.4320, 4.7170,
-19.6729

■ 45.8300, 14.3808,
-39.3159

■ 254.1030, 0.4422,
-1.8443

■ 29.9950, 10.8485,
-26.3056

■ 15.8610, 7.4635,
-13.9101

■ 0.4560, 1.7472,

-0.3999

■ 0.0000, 0.0000,
0.0000

■ 148.9450, 13.3381,
-31.5238

■ 148.9450, 13.3381,
-31.5238

■ 141.2150, 17.1490,
-40.5306

■ 156.6750, 9.5272,
-22.5170

■ 133.7840, 20.8125,
-48.9226

■ 164.1060, 5.8637,
-14.1250

■ 126.0540, 24.6234,
-57.9294

■ 171.8360, 2.0529,
-5.1182

■ 118.6230, 28.2869,
-66.3214

■ 179.2670, -1.6106,
3.2738

■ 110.8930, 32.0978,
-75.3282

■ 186.9970, -5.4215,
12.2806

■ 103.7500, 35.6193,
-84.8498

■ 194.1400, -8.9430,
21.8022

■ 100.4830, 37.2299,
-88.1236

■ 201.5710,
-12.6065, 30.1942

■ 209.3010,
-16.4174, 39.2010

■ 211.9480,
-17.7224, 37.7566

Harmonies

Analogous

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



148.5230, 6.6442, -31.1537



148.9450, 13.3381, -31.5238



151.5100, 16.5106, -22.3723

Triad

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



148.9450, 13.3381, -31.5238



157.2290, 2.8451, 20.8472



153.2490, -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.



148.9450, 13.3381, -31.5238



140.0550, -13.3381, 31.5238

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.



154.7990, -15.1839, 16.8393



148.9450, 13.3381, -31.5238



156.6120, -4.7387, 26.6503

Square

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



148.9450, 13.3381, -31.5238



156.9870, 9.8664, 8.7814



156.1790, -11.4272, 25.2760



151.0130, -9.8664, -8.7814

Rectangle

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



148.9450, 13.3381, -31.5238



153.7500, 15.8993, -12.9358



156.1790, -11.4272, 25.2760



153.4560, -15.0148, 9.2471

Sweetspot

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



148.9450, 13.3381, -31.5238



218.7040, 5.5689, -12.8954



151.5770, -12.1165, -33.8320



108.1670, 3.3687, -7.1625



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.



148.9450, 13.3381, -31.5238



187.4850, 20.9599, -49.5373



130.7480, 22.3092, -15.5650



85.1350, 1.9054, -4.5034



87.2950, 32.3926, -76.5577



14.7040, 5.5689, -12.8954

Inverse Universe

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



137.4230, 12.1165, 33.8320



169.3790, 19.0402, 53.1646



158.2520, -22.3092, 15.5650



83.4890, 1.7309, 4.8331



59.3130, 29.4257, 82.1635



10.0540, 4.9034, 13.9846

Previews

White Background



This preview shows how the YUV color 148.9450, 13.3381, -31.5238 looks on a white background.

Color Contrast Check

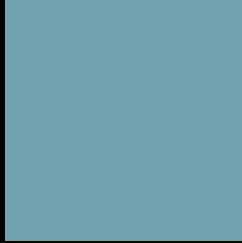
Large Text (above 18pt) WCAG AA × Fail

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 148.9450, 13.3381, -31.5238 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 148.9450, 13.3381, -31.5238

Background



This preview shows how black text looks on a background with the YUV color 148.9450, 13.3381, -31.5238.



This preview shows how white text looks on a background with the YUV color 148.9450, 13.3381, -31.5238.

-31.5238.

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

148.9450, 13.3381, -31.5238

Protanopia

154.6390, 7.5730, -2.3144

Deuteranopia

155.3990, 11.6353, 1.4041



Tritanopia

148.8310, 12.9013, -31.4238

Trichromacy



Original Color

148.9450, 13.3381, -31.5238

Protanomaly

152.4420, 9.6421, -12.6656

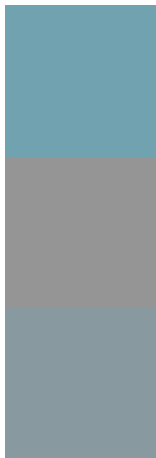
Deuteranomaly

152.8490, 12.3994, -10.3916

Tritanomaly

148.8310, 12.9013, -31.4238

Monochromacy



Original Color

148.9450, 13.3381, -31.5238

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

149.1880, 4.8373, -11.5659

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.9450, 13.3381, -31.5238 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(113, 162, 176)` looks like.

```
.text, #text, p{  
    color:rgb(113, 162, 176)  
}
```

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(113, 162, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 162, 176) }
```

Border

The CSS property to change the border of an element to YUV 148.9450, 13.3381, -31.5238 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(113, 162, 176) }
```


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

```
.border{ border-color:rgb(113, 162, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 162, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 162, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 162, 176);  
box-shadow:4px 4px 4px 4px rgb(113, 162,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 148.9450, 13.3381, -31.5238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 162, 176) }
```

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

```
.background{ background-color: rgb(113,  
162, 176) }
```

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