

Converting Colors

YUV(164.6330, 16.4499,
-49.6671)

Have a look what the booklet for
YUV(164.6330, 16.4499, -49.6671)
contains.

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Color

**YUV(164.6330, 16.4499,
-49.6671)**

Conversions

Conversions Part 1

Format	Color
Hex	6CBBC6
RGB	108, 187, 198
RGB Percent	42%, 73%, 78%
CMY	0.5765, 0.2667, 0.2235
CMYK	0.45, 0.06, 0.00, 0.22
HSL	187°, 44%, 60%
HSV	187°, 45%, 78%
XYZ	34.1477, 42.8060, 59.8887
YIQ	164.6330, -50.6150, -13.3270

Conversions

Conversions Part 2

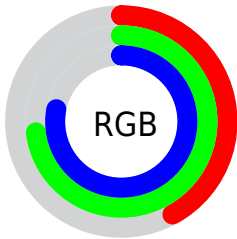
Format	Color
RYB	108, 150, 198
Decimal	7125958
CIELab	71.42, -21.37, -13.14
CIElCh	71, 25.089, 211.577
Yxy	42.8060, 0.2495, 0.3128
Android (android.graphics.Color)	4285316038 (0xFF6CBBC6)
YUV	164.6330, 16.4499, -49.6671
Hunter-Lab	65.4263, -21.3322, -8.4733

Details

The YUV color **164.6330, 16.4499, -49.6671** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **141.3670, -16.4499, 49.6671**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.7470, 16.8867, -49.7671**, and **110.0240, 16.7502, -52.6410** is the 20% darker color. If you saturate the color by 10%, you get **157.4790, 19.9769, -60.9331**, and if you desaturate by 10%, it is **171.7870, 12.9230, -38.4012**.

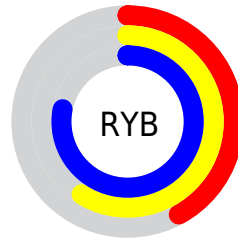
Distribution



Red (42%)

Green (73%)

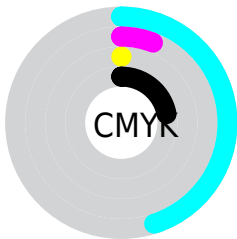
Blue (78%)



Red (42%)

Yellow (59%)

Blue (78%)

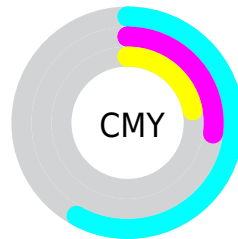


Cyan (45%)

Magenta (6%)

Yellow (0%)

Black (22%)



Cyan (58%)

Magenta (27%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.6330, 16.4499, -49.6671 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 164.6330, 16.4499, -49.6671 by changing the saturation by 10% instead.

164.6330, 16.4499,
-49.6671

164.6330, 16.4499,
-49.6671

255.0000, 0.0000,
0.0000

137.3340, 16.5973,
-50.2819

220.7470, 16.8867,
-49.7671

110.0240, 16.7502,
-52.6410

236.4620, 9.1392,
-38.1162

79.6530, 19.3981,
-61.9627

245.1330, 4.8644,
-20.2876

60.0240, 16.7502,
-52.6410

254.1030, 0.4422,
-1.8443

43.2000, 13.2124,
-37.8864

27.7780, 9.9694,
-24.3613

9.5350, 8.6102,

-8.3622

0.0000, 0.0000,
0.0000

164.6330, 16.4499,
-49.6671

164.6330, 16.4499,
-49.6671

157.4790, 19.9769,
-60.9331

171.7870, 12.9230,
-38.4012

149.7380, 23.7932,
-71.6842

179.5280, 9.1067,
-27.6501

142.8830, 27.1727,
-82.3354

186.3830, 5.7272,
-16.9989

135.1420, 30.9890,
-93.0865

194.1240, 1.9109,
-6.2477

127.9880, 34.5159,
-104.3525

201.2780, -1.6161,
5.0182

■ 124.7100, 36.1320,
-109.3707

■ 209.0190, -5.4324,
15.7693

■ 216.1730, -8.9593,
27.0353

■ 219.7390,
-10.7173, 30.9239

■ 221.5000,
-11.5855, 29.3795

Harmonies

Analogous

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



165.2890, 4.7875, -42.3495



164.6330, 16.4499, -49.6671



167.6970, 22.8274, -41.8303

Triad

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



164.6330, 16.4499, -49.6671



178.8470, 8.9494, 22.9362



173.9530, -22.1618, 14.9502

Complementary

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



164.6330, 16.4499, -49.6671



141.3670, -16.4499, 49.6671

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.



175.6220, -20.0266, 30.1495



164.6330, 16.4499, -49.6671



178.4760, -1.7137, 36.4165

Square

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



164.6330, 16.4499, -49.6671



177.4190, 18.0344, 2.2635



177.3270, -12.4862, 38.3012



171.3850, -17.4448, -4.7226

Rectangle

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



164.6330, 16.4499, -49.6671



171.4150, 23.9524, -29.3050



177.3270, -12.4862, 38.3012



174.3990, -21.8887, 20.6981

Sweetspot

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



164.6330, 16.4499, -49.6671



241.8880, 6.4642, -20.0728



162.0840, -21.2404, -47.4317



119.6610, 4.1111, -11.9807



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.



164.6330, 16.4499, -49.6671



203.1610, 25.5566, -77.3172



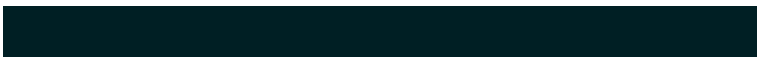
138.8050, 29.1831, -27.0160



95.7220, 1.6161, -5.0182



102.5230, 29.8152, -89.9127



22.3010, 6.7536, -19.5580

Inverse Universe

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



143.9160, 21.2404, 47.4317



170.8820, 33.0892, 73.7715



167.7820, -29.4725, 26.5012



93.6030, 2.1677, 4.7332



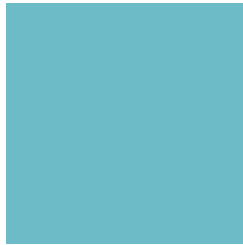
65.0390, 38.4348, 85.9118



14.2980, 8.2341, 19.0327

Previews

White Background



This preview shows how the YUV color 164.6330, 16.4499, -49.6671 looks on a white background.

Color Contrast Check

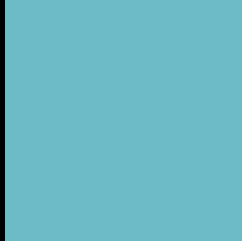
Large Text (above 18pt) WCAG AA × Fail

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 164.6330, 16.4499, -49.6671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

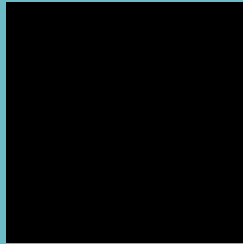
Any Text WCAG AA ✓ Pass

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 164.6330, 16.4499, -49.6671 Background



This preview shows how black text looks on a background with the YUV color 164.6330, 16.4499, -49.6671.



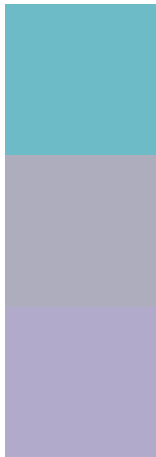
This preview shows how white text looks on a background with the YUV color 164.6330, 16.4499, -49.6671.

-49.6671.

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

164.6330, 16.4499, -49.6671

Protanopia

174.8240, 6.9888, -1.5996

Deuteranopia

176.0400, 12.7983, 1.7189



Tritanopia

164.6870, 17.9023, -48.8375

Trichromacy



Original Color

164.6330, 16.4499, -49.6671

Protanomaly

170.9250, 10.3900, -19.2282

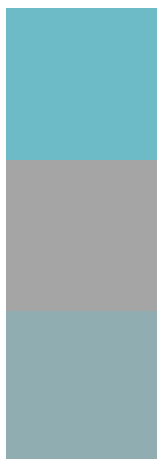
Deuteranomaly

171.9730, 14.3103, -16.6393

Tritanomaly

164.5730, 17.4655, -48.7375

Monochromacy



Original Color

164.6330, 16.4499, -49.6671

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

164.7850, 6.0220, -18.2284

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.6330, 16.4499, -49.6671 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(108, 187, 198)` looks like.

```
.text, #text, p{  
    color:rgb(108, 187, 198)  
}
```

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(108, 187, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 187, 198) }
```

Border

The CSS property to change the border of an element to YUV 164.6330, 16.4499, -49.6671 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

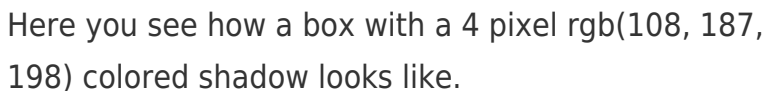
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(108, 187, 198) }
```


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

```
.border{ border-color:rgb(108, 187, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(108, 187, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(108, 187, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(108, 187, 198); box-shadow:4px 4px 4px 4px rgb(108, 187, 198) }
```

Background

The CSS property to change the background color of an element to YUV 164.6330, 16.4499, -49.6671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 187, 198) }
```

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

```
.background{ background-color: rgb(108,  
187, 198) }
```

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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