

Converting Colors

YUV(150.5440, 14.5218,
-84.6691)

Have a look what the booklet for
YUV(150.5440, 14.5218, -84.6691)
contains.

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Color

**YUV(150.5440, 14.5218,
-84.6691)**

Conversions

Conversions Part 1

Format	Color
Hex	36C2B4
RGB	54, 194, 180
RGB Percent	21%, 76%, 71%
CMY	0.7882, 0.2392, 0.2941
CMYK	0.72, 0.00, 0.07, 0.24
HSL	174°, 56%, 49%
HSV	174°, 72%, 76%
XYZ	29.0513, 42.6631, 49.8837
YIQ	150.5440, -78.9460, -34.0340

Conversions

Conversions Part 2

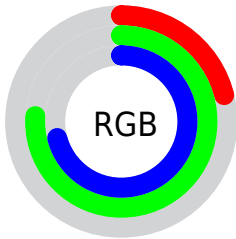
Format	Color
RYB	54, 128, 194
Decimal	3588788
CIELab	71.33, -39.60, -3.62
CIELCh	71, 39.764, 185.222
Yxy	42.6631, 0.2389, 0.3509
Android (android.graphics.Color)	4281778868 (0xFF36C2B4)
YUV	150.5440, 14.5218, -84.6691
Hunter-Lab	65.3170, -34.9126, 0.4412

Details

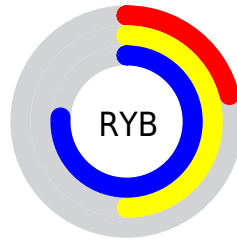
The YUV color **150.5440, 14.5218, -84.6691** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted spring green. A complement of this color would be **97.4560, -14.5218, 84.6691**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.4200, 12.6109, -78.4213**, and **96.6580, 14.9586, -84.7691** is the 20% darker color. If you saturate the color by 10%, you get **144.6350, 16.4489, -96.1499**, and if you desaturate by 10%, it is **156.4530, 12.5947, -73.1883**.

Distribution



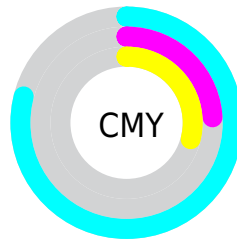
- Red (21%)
- Green (76%)
- Blue (71%)



- Red (21%)
- Yellow (50%)
- Blue (76%)



- Cyan (72%)
- Magenta (0%)
- Yellow (7%)
- Black (24%)



- Cyan (79%)
- Magenta (24%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.5440, 14.5218, -84.6691 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 150.5440, 14.5218, -84.6691 by changing the saturation by 10% instead.

■ 150.5440, 14.5218,
-84.6691

■ 150.5440, 14.5218,
-84.6691

■ 255.0000, 0.0000,
0.0000

■ 114.8840, 18.7912,
-100.7533

■ 210.4200, 12.6109,
-78.4213

■ 96.6580, 14.9586,
-84.7691

■ 224.2030, 15.1829,
-63.3220

■ 77.9590, 11.8522,
-68.3700

■ 233.1730, 10.7607,
-44.8787

■ 60.5480, 8.6038,
-53.1006

■ 242.1430, 6.3385,
-26.4354

■ 43.9520, 5.9397,
-38.5459

■ 251.1130, 1.9163,
-7.9921

■ 28.5300, 2.6967,
-25.0208

■ 7.3520, 2.7845,

-6.4477

■ 0.0000, 0.0000,
0.0000

■ 150.5440, 14.5218,
-84.6691

■ 150.5440, 14.5218,
-84.6691

■ 144.6350, 16.4489,
-96.1499

■ 156.4530, 12.5947,
-73.1883

■ 138.4270, 18.5235,
-108.2455

■ 162.6610, 10.5201,
-61.0927

■ 133.8280, 20.2978,
-117.3672

■ 168.5700, 8.5930,
-49.6119

■ 174.7780, 6.5184,
-37.5163

■ 180.6870, 4.5913,
-26.0355

■ 186.5960, 2.6642,
-14.5547

■ 192.8040, 0.5896,
-2.4591

■ 198.7130, -1.3375,
9.0217

■ 204.8070, -3.8489,
21.2173

Harmonies

Analogous

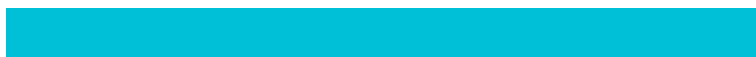
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



161.0100, -8.8789, -45.6128



150.5440, 14.5218, -84.6691



137.2140, 38.3485, -120.3367

Triad

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



150.5440, 14.5218, -84.6691



178.2700, 27.4749, 7.6562



174.1970, -32.1421, 42.8002

Complementary

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



150.5440, 14.5218, -84.6691



97.4560, -14.5218, 84.6691

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.



176.3850, -20.4028, 57.5444



150.5440, 14.5218, -84.6691



179.3960, 13.1158, 39.9947

Square

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



150.5440, 14.5218, -84.6691



170.8240, 37.0618, -34.0486



178.0380, -3.9627, 57.8487



171.6470, -34.8290, 17.8496

Rectangle

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



150.5440, 14.5218, -84.6691



148.2690, 41.7724, -98.4599



178.0380, -3.9627, 57.8487



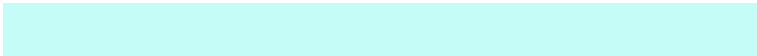
175.0390, -29.1062, 49.0778

Sweetspot

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



150.5440, 14.5218, -84.6691



234.9850, 5.9234, -33.3128



140.3660, -42.5784, -63.4650



117.3780, 3.2646, -20.5025



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.



150.5440, 14.5218, -84.6691



184.0110, 22.6726, -132.4366



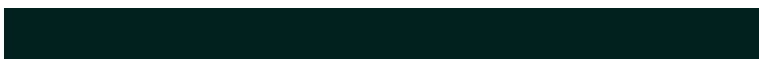
119.2680, 36.8429, -57.2400



93.8960, 1.0373, -6.0478



111.0370, 16.7438, -97.3794



22.7910, 3.5540, -19.9877

Inverse Universe

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



97.4560, -14.5218, 84.6691



100.9890, -22.6726, 132.4366



128.7320, -36.8429, 57.2400



90.1040, -1.0373, 6.0478



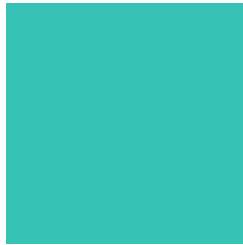
49.9630, -16.7438, 97.3794



10.2090, -3.5540, 19.9877

Previews

White Background



This preview shows how the YUV color 150.5440, 14.5218, -84.6691 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 150.5440, 14.5218, -84.6691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

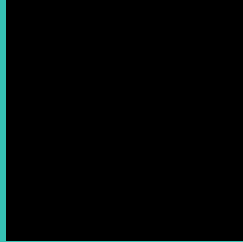
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

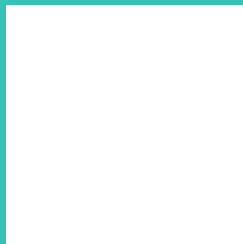
Any Text WCAG AAA ✓ Pass

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

YUV 150.5440, 14.5218, -84.6691 Background



This preview shows how black text looks on a background with the YUV color 150.5440, 14.5218, -84.6691.



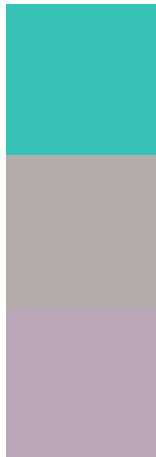
This preview shows how white text looks on a background with the YUV color 150.5440, 14.5218, -84.6691.

-84.6691.

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

150.5440, 14.5218, -84.6691

Protanopia

173.9250, -2.9210, 3.5738

Deuteranopia

174.8360, 5.5039, 8.0368



Tritanopia

155.6450, 24.8250, -75.9877

Trichromacy



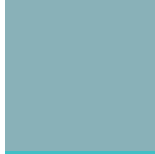
Original Color

150.5440, 14.5218, -84.6691



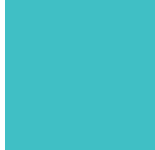
Protanomaly

165.6220, 3.1444, -28.6095



Deuteranomaly

165.8380, 8.9539, -25.2909



Tritanomaly

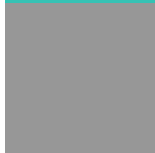
153.7110, 21.3415, -78.6765

Monochromacy



Original Color

150.5440, 14.5218, -84.6691



Achromatopsia

151.0000, 0.0000, 0.0000



Achromatomaly

151.1810, 5.3338, -30.8537

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.5440, 14.5218, -84.6691 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(54, 194, 180)` looks like.

```
.text, #text, p{  
  color:rgb(54, 194, 180)  
}
```

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(54, 194, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 194, 180) }
```

Border

The CSS property to change the border of an element to YUV 150.5440, 14.5218, -84.6691 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(54, 194, 180) }
```


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

```
.border{ border-color:rgb(54, 194, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 194, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 194, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 194, 180);  
box-shadow:4px 4px 4px 4px rgb(54, 194,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 150.5440, 14.5218, -84.6691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 194, 180) }
```

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

```
.background{ background-color: rgb(54, 194,  
180) }
```

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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