

Converting Colors

YUV(154.0450, 28.0788,
-93.0015)

Have a look what the booklet for
YUV(154.0450, 28.0788, -93.0015)
contains.

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Color

**YUV(154.0450, 28.0788,
-93.0015)**

Conversions

Conversions Part 1

Format	Color
Hex	30C5D3
RGB	48, 197, 211
RGB Percent	19%, 77%, 83%
CMY	0.8118, 0.2275, 0.1725
CMYK	0.77, 0.07, 0.00, 0.17
HSL	185°, 65%, 51%
HSV	185°, 77%, 83%
XYZ	32.9430, 45.2640, 68.6286
YIQ	154.0450, -93.2980, -27.2340

Conversions

Conversions Part 2

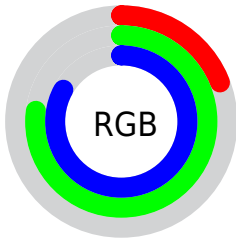
Format	Color
R _Y B	48, 126, 211
Decimal	3196371
CIE Lab	73.07, -32.68, -17.92
CIE LCh	73, 37.273, 208.733
Yxy	45.2640, 0.2244, 0.3083
Android (android.graphics.Color)	4281386451 (0xFF30C5D3)
YUV	154.0450, 28.0788, -93.0015
Hunter-Lab	67.2785, -30.3347, -13.3847

Details

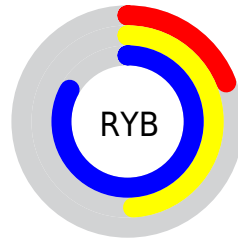
The YUV color **154.0450, 28.0788, -93.0015** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **104.9550, -28.0788, 93.0015**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.3470, 20.0419, -81.8653**, and **101.7250, 26.7576, -89.2128** is the 20% darker color. If you saturate the color by 10%, you get **146.5920, 31.7531, -104.8822**, and if you desaturate by 10%, it is **161.4980, 24.4045, -81.1207**.

Distribution



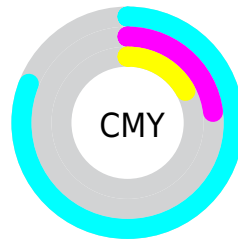
- Red (19%)
- Green (77%)
- Blue (83%)



- Red (19%)
- Yellow (49%)
- Blue (83%)



- Cyan (77%)
- Magenta (7%)
- Yellow (0%)
- Black (17%)



- Cyan (81%)
- Magenta (23%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.0450, 28.0788, -93.0015 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 154.0450, 28.0788, -93.0015 by changing the saturation by 10% instead.

154.0450, 28.0788,
-93.0015

154.0450, 28.0788,
-93.0015

255.0000, 0.0000,
0.0000

120.0650, 31.0270,
-105.2970

214.3470, 20.0419,
-81.8653

101.7250, 26.7576,
-89.2128

224.5020, 15.0355,
-62.7073

83.4990, 22.9250,
-73.2286

233.7710, 10.4659,
-43.6492

65.9740, 19.2398,
-57.8592

242.7410, 6.0437,
-25.2059

48.5630, 15.9914,
-42.5898

252.0100, 1.4741,
-6.1478

32.4400, 12.6011,
-28.4499

15.9580, 10.3737,

-13.9952

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,
0.0000

■ 154.0450, 28.0788,
-93.0015

■ 154.0450, 28.0788,
-93.0015

■ 146.5920, 31.7531,
-104.8822

■ 161.4980, 24.4045,
-81.1207

■ 139.1390, 35.4275,
-116.7629

■ 168.9510, 20.7302,
-69.2400

■ 137.3450, 36.3119,
-120.4516

■ 175.8170, 17.3452,
-56.8445

■ 183.2700, 13.6709,
-44.9638

■ 191.0220, 9.8492,
-32.4683

■ 198.4750, 6.1748,
-20.5876

■ 205.9280, 2.5005,
-8.7069

■ 212.7940, -0.8844,
3.6887

■ 220.2470, -4.5588,
15.5694

Harmonies

Analogous

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



161.5200, 7.6316, -67.9850



154.0450, 28.0788, -93.0015



161.2500, 37.3447, -78.2722

Triad

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



154.0450, 28.0788, -93.0015



183.9220, 15.3215, 32.5174



177.5490, -32.8087, 23.1975

Complementary

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



154.0450, 28.0788, -93.0015



104.9550, -28.0788, 93.0015

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.



179.8320, -28.5112, 44.8743



154.0450, 28.0788, -93.0015



183.2160, -0.5995, 52.4306

Square

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



154.0450, 28.0788, -93.0015



181.7420, 28.2282, -0.6507



181.6990, -16.6136, 55.5150



173.4530, -27.3383, -4.7823

Rectangle

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



154.0450, 28.0788, -93.0015



170.4040, 37.2688, -53.8513



181.6990, -16.6136, 55.5150



178.3050, -32.6884, 31.3045

Sweetspot

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



154.0450, 28.0788, -93.0015



234.4240, 10.1440, -33.6978



145.2770, -41.0556, -85.3119



114.8880, 6.4642, -20.0728



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.



154.0450, 28.0788, -93.0015



172.3970, 40.7233, -135.4062



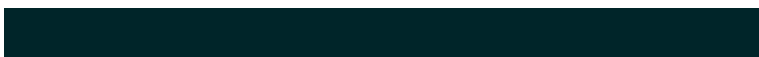
106.4980, 51.5195, -51.3027



101.1240, 1.9109, -6.2477



109.5500, 28.8159, -96.0754



26.3930, 7.2013, -23.1467

Inverse Universe

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



113.7230, 41.0556, 85.3119



113.6010, 59.8497, 124.0069



152.5020, -51.5195, 51.3027



98.4290, 2.7465, 5.7628



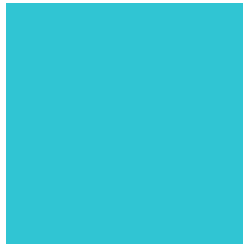
67.7880, 42.5025, 87.8859



16.4770, 10.1178, 21.5067

Previews

White Background



This preview shows how the YUV color 154.0450, 28.0788, -93.0015 looks on a white background.

Color Contrast Check

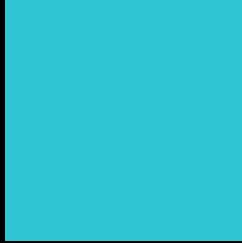
Large Text (above 18pt) WCAG AA × Fail

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 154.0450, 28.0788, -93.0015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

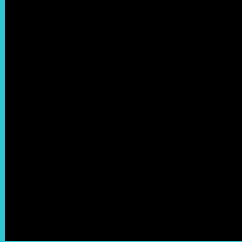
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

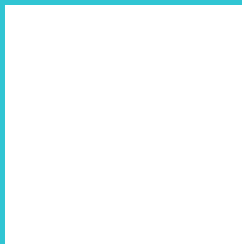
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 154.0450, 28.0788, -93.0015

Background



This preview shows how black text looks on a background with the YUV color 154.0450, 28.0788, -93.0015.

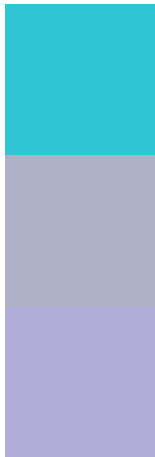


This preview shows how white text looks on a background with the YUV color 154.0450, 28.0788, -93.0015.

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

154.0450, 28.0788, -93.0015

Protanopia

178.7960, 9.4676, -3.3291

Deuteranopia

179.3860, 18.0507, -2.9695



Tritanopia

154.5720, 28.8050, -92.5866

Trichromacy



Original Color

154.0450, 28.0788, -93.0015

Protanomaly

169.7210, 16.4065, -35.7123

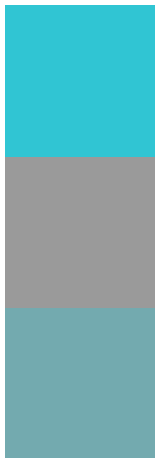
Deuteranomaly

169.8010, 21.7901, -35.7825

Tritanomaly

154.4580, 28.3682, -92.4867

Monochromacy



Original Color

154.0450, 28.0788, -93.0015

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

154.1250, 10.2914, -34.3126

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.0450, 28.0788, -93.0015 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(48, 197, 211)` looks like.

```
.text, #text, p{  
    color:rgb(48, 197, 211)  
}
```

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(48, 197, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 197, 211) }
```

Border

The CSS property to change the border of an element to YUV 154.0450, 28.0788, -93.0015 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(48, 197, 211) }
```


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

```
.border{ border-color:rgb(48, 197, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 197, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 197, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 197, 211);  
box-shadow:4px 4px 4px 4px rgb(48, 197,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 154.0450, 28.0788, -93.0015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 197, 211) }
```

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

```
.background{ background-color: rgb(48, 197,  
211) }
```

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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