

# Converting Colors

YUV(153.0040, 30.0710,  
-125.4145)

Have a look what the booklet for  
YUV(153.0040, 30.0710, -125.4145)  
contains.

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# Color

**YUV(153.0040, 30.0710,  
-125.4145)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0AD6D6
RGB	10, 214, 214
RGB Percent	4%, 84%, 84%
CMY	0.9608, 0.1608, 0.1608
CMYK	0.95, 0.00, 0.00, 0.16
HSL	180°, 91%, 44%
HSV	180°, 95%, 84%
XYZ	36.3093, 53.0127, 71.9371
YIQ	153.0040, -121.5840, -43.2480

# Conversions

## Conversions Part 2

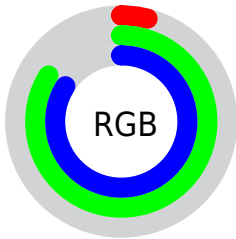
Format	Color
R <sub>YB</sub>	10, 112, 214
Decimal	710358
CIE Lab	77.88, -41.87, -12.33
CIE LCh	78, 43.646, 196.403
Yxy	53.0127, 0.2252, 0.3287
Android (android.graphics.Color)	4278900438 (0xFF0AD6D6)
YUV	153.0040, 30.0710, -125.4145
Hunter-Lab	72.8098, -38.4015, -7.6125

# Details

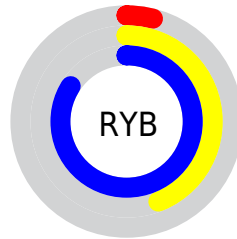
The YUV color **153.0040, 30.0710, -125.4145** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **70.9960, -30.0710, 125.4145**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.9440, 21.2266, -88.5279**, and **110.8720, 23.7271, -97.2347** is the 20% darker color. If you saturate the color by 10%, you get **150.0140, 31.5451, -131.5623**, and if you desaturate by 10%, it is **159.2830, 26.9755, -112.5042**.

# Distribution



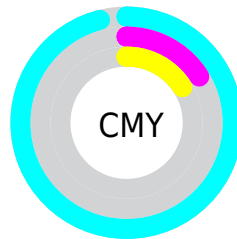
- Red (4%)
- Green (84%)
- Blue (84%)



- Red (4%)
- Yellow (44%)
- Blue (84%)



- Cyan (95%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)



- Cyan (96%)
- Magenta (16%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 153.0040, 30.0710, -125.4145 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 153.0040, 30.0710, -125.4145 by changing the saturation by 10% instead.



153.0040, 30.0710,  
-125.4145

153.0040, 30.0710,  
-125.4145

255.0000, 0.0000,  
0.0000

130.3860, 27.4177,  
-114.3485

211.9440, 21.2266,  
-88.5279

110.8720, 23.7271,  
-97.2347

222.1100, 16.2148,  
-67.6255

92.6460, 19.8945,  
-81.2505

231.6780, 11.4977,  
-47.9526

74.5340, 16.4987,  
-65.3663

241.2460, 6.7807,  
-28.2797

57.1230, 13.2504,  
-50.0969

250.5150, 2.2111,  
-9.2217

40.4130, 10.1494,  
-35.4422

25.5780, 6.6170,

-22.4319

■ 2.7530, 8.0098,  
-2.4144

■ 0.0000, 0.0000,  
0.0000

■ 153.0040, 30.0710,  
-125.4145

■ 153.0040, 30.0710,  
-125.4145

■ 150.0140, 31.5451,  
-131.5623

■ 159.2830, 26.9755,  
-112.5042

■ 165.8610, 23.7325,  
-98.9791

■ 172.1400, 20.6370,  
-86.0688

■ 178.7180, 17.3940,  
-72.5437

■ 184.9970, 14.2985,  
-59.6334

■ 191.2760, 11.2029,  
-46.7231

■ 197.8540, 7.9600,  
-33.1980

■ 204.1330, 4.8644,  
-20.2876

■ 210.7110, 1.6215,  
-6.7625

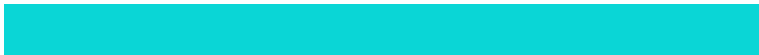
# Harmonies

## Analogous

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



173.6420, -0.8095, -67.2150



153.0040, 30.0710, -125.4145



152.3570, 48.1380, -133.6171

# Triad

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



153.0040, 30.0710, -125.4145



197.7990, 25.2421, 23.8553



191.2690, -38.0936, 38.3521

# Complementary

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



153.0040, 30.0710, -125.4145



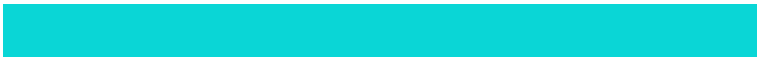
70.9960, -30.0710, 125.4145

# 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.



191.5390, -27.3807, 55.6553



153.0040, 30.0710, -125.4145



196.2080, 8.2785, 51.5606

# Square

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



153.0040, 30.0710, -125.4145



190.5440, 31.7768, -18.8941



190.3600, -9.0515, 56.6893



187.4240, -36.6910, 8.3982



# Rectangle

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



153.0040, 30.0710, -125.4145



169.7370, 42.0347, -89.2233



190.3600, -9.0515, 56.6893



191.8940, -35.9367, 46.5740

# Sweetspot

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



153.0040, 30.0710, -125.4145



232.8740, 10.9081, -45.4935



129.7480, -59.0358, -105.0190



114.5450, 6.6333, -27.6650



0.0000, 0.0000, 0.0000

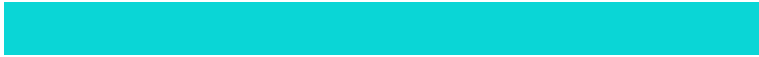


128.0000, 0.0000, 0.0000



# Same Dimension

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



153.0040, 30.0710, -125.4145



178.7550, 37.5888, -156.7681



93.1300, 59.5889, -72.9050



103.7110, 1.6215, -6.7625



119.8710, 25.2066, -105.1269



30.1430, 6.3385, -26.4354



# Inverse Universe

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



94.2520, 59.0358, 105.0190



105.3150, 73.7947, 131.2737



130.8700, -59.5889, 72.9050



100.5430, 3.1833, 5.6628



70.6230, 49.4859, 88.0306

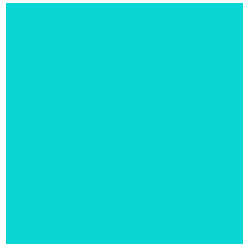


17.7590, 12.4438, 22.1364



# Previews

## White Background



This preview shows how the YUV color 153.0040, 30.0710, -125.4145 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

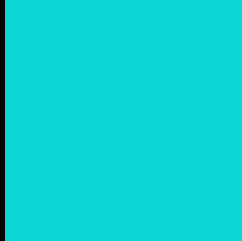
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 153.0040, 30.0710, -125.4145 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

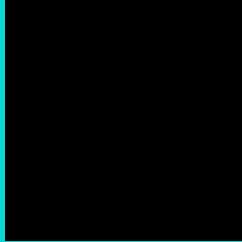
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

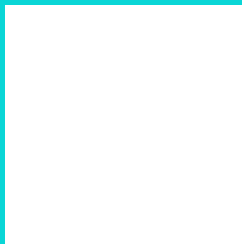
Any Text WCAG AAA ✓ Pass

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

# YUV 153.0040, 30.0710, -125.4145 Background



This preview shows how black text looks on a background with the YUV color 153.0040, 30.0710, -125.4145.



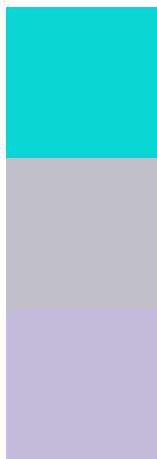
This preview shows how white text looks on a background with the YUV color 153.0040, 30.0710, -125.4145.

-125.4145.

# 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

153.0040, 30.0710, -125.4145

### Protanopia

191.6240, 3.6364, 0.3298

### Deuteranopia

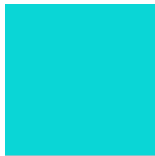
192.8660, 13.3771, 2.7485



## Tritanopia

162.5100, 32.7796, -107.4413

# Trichromacy



## Original Color

153.0040, 30.0710, -125.4145



## Protanomaly

177.7430, 12.9447, -45.3786



## Deuteranomaly

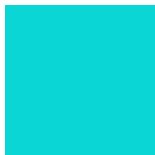
178.1760, 19.6332, -44.0044



## Tritanomaly

159.2380, 31.9277, -114.2187

# Monochromacy



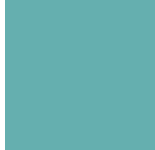
## Original Color

153.0040, 30.0710, -125.4145



## Achromatopsia

153.0000, 0.0000, 0.0000



## Achromatomaly

152.8740, 10.9081, -45.4935

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 153.0040, 30.0710, -125.4145 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(10, 214, 214)` looks like.

```
.text, #text, p{  
    color:rgb(10, 214, 214)  
}
```

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(10, 214, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 214, 214) }
```

## Border

The CSS property to change the border of an element to YUV 153.0040, 30.0710, -125.4145 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(10, 214, 214) }
```



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

```
.border{ border-color:rgb(10, 214, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 214, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 214, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 214, 214);  
box-shadow:4px 4px 4px 4px rgb(10, 214,  
214) }
```

# Background

The CSS property to change the background color of an element to YUV 153.0040, 30.0710, -125.4145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 214, 214) }
```

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

```
.background{ background-color: rgb(10, 214,  
214) }
```

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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