

Converting Colors

YUV(158.7760, 32.6484,
-112.0596)

Have a look what the booklet for
YUV(158.7760, 32.6484, -112.0596)
contains.

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Color

**YUV(158.7760, 32.6484,
-112.0596)**

Conversions

Conversions Part 1

Format	Color
Hex	1FD3E1
RGB	31, 211, 225
RGB Percent	12%, 83%, 88%
CMY	0.8784, 0.1725, 0.1176
CMYK	0.86, 0.06, 0.00, 0.12
HSL	184°, 76%, 50%
HSV	184°, 86%, 88%
XYZ	37.4499, 52.3161, 79.3584
YIQ	158.7760, -111.7740, -33.8060

Conversions

Conversions Part 2

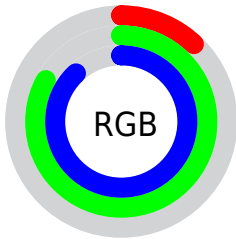
Format	Color
R _Y B	31, 124, 225
Decimal	2085857
CIE Lab	77.47, -36.33, -18.83
CIE LCh	77, 40.920, 207.402
Yxy	52.3161, 0.2214, 0.3093
Android (android.graphics.Color)	4280275937 (0xFF1FD3E1)
YUV	158.7760, 32.6484, -112.0596
Hunter-Lab	72.3299, -34.1560, -14.4205

Details

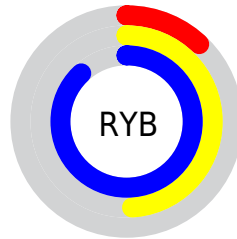
The YUV color **158.7760, 32.6484, -112.0596** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **97.2240, -32.6484, 112.0596**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.7380, 20.3422, -84.8392**, and **110.9520, 29.1107, -97.3049** is the 20% darker color. If you saturate the color by 10%, you get **150.7250, 36.6176, -125.1698**, and if you desaturate by 10%, it is **166.5280, 28.8267, -99.5641**.

Distribution



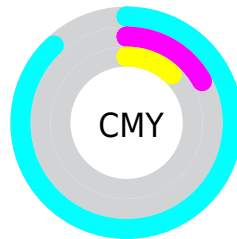
- Red (12%)
- Green (83%)
- Blue (88%)



- Red (12%)
- Yellow (49%)
- Blue (88%)



- Cyan (86%)
- Magenta (6%)
- Yellow (0%)
- Black (12%)



- Cyan (88%)
- Magenta (17%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.7760, 32.6484, -112.0596 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 158.7760, 32.6484, -112.0596 by changing the saturation by 10% instead.

158.7760, 32.6484,
-112.0596

158.7760, 32.6484,
-112.0596

255.0000, 0.0000,
0.0000

129.8790, 33.0907,
-113.9039

213.7380, 20.3422,
-84.8392

110.9520, 29.1107,
-97.3049

223.6050, 15.4777,
-64.5516

92.0250, 25.1307,
-80.7059

233.1730, 10.7607,
-44.8787

74.5000, 21.4455,
-65.3365

242.7410, 6.0437,
-25.2059

56.9750, 17.7603,
-49.9671

252.0100, 1.4741,
-6.1478

40.1510, 14.2226,
-35.2124

25.9030, 10.4008,

-22.7169

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 158.7760, 32.6484,
-112.0596

■ 158.7760, 32.6484,
-112.0596

■ 150.7250, 36.6176,
-125.1698

■ 166.5280, 28.8267,
-99.5641

■ 148.3330, 37.7968,
-130.0880

■ 173.9920, 25.1469,
-85.9390

■ 181.7440, 21.3252,
-73.4435

■ 189.2080, 17.6455,
-59.8184

■ 197.2590, 13.6763,
-46.7081

■ 205.0110, 9.8546,
-34.2126

■ 212.1760, 6.3222,
-21.2024

■ 220.2270, 2.3531,
-8.0921

■ 227.9790, -1.4686,
4.4034

Harmonies

Analogous

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



170.5900, 8.0901, -75.0624



158.7760, 32.6484, -112.0596



168.4160, 42.1929, -93.3268

Triad

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



158.7760, 32.6484, -112.0596



196.9160, 17.7894, 34.2767



188.9470, -36.4559, 26.3565

Complementary

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



158.7760, 32.6484, -112.0596



97.2240, -32.6484, 112.0596

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.



191.8820, -31.0008, 50.0925



158.7760, 32.6484, -112.0596



193.6830, 1.1423, 53.7750

Square

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



158.7760, 32.6484, -112.0596



193.6000, 30.2702, -2.2802



190.5250, -16.0348, 56.5446



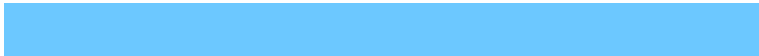
185.5410, -30.8327, -3.9825

Rectangle

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



158.7760, 32.6484, -112.0596



178.7620, 37.5853, -62.0583



190.5250, -16.0348, 56.5446



190.4150, -36.1936, 35.5930

Sweetspot

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



158.7760, 32.6484, -112.0596



232.3310, 11.1758, -38.0013



146.3600, -50.4635, -101.1707



114.2790, 6.7645, -23.0467



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.



158.7760, 32.6484, -112.0596



168.1890, 42.7978, -147.5018



102.4240, 60.4300, -62.6388



108.1240, 1.9109, -6.2477



115.7450, 29.7057, -101.5084



31.8870, 7.9437, -27.9649

Inverse Universe

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



109.5260, 50.0267, 101.2707



103.2630, 65.9323, 133.0733



153.5760, -60.4300, 62.6388



105.4290, 2.7465, 5.7628



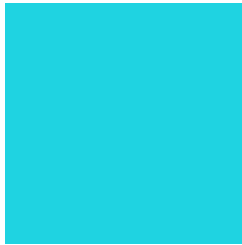
71.2060, 45.2544, 91.9043



19.4820, 12.5804, 25.0103

Previews

White Background



This preview shows how the YUV color 158.7760, 32.6484, -112.0596 looks on a white background.

Color Contrast Check

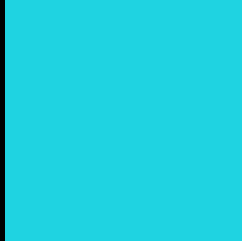
Large Text (above 18pt) WCAG AA × Fail

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 158.7760, 32.6484, -112.0596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

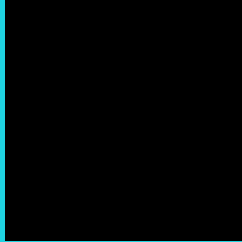
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

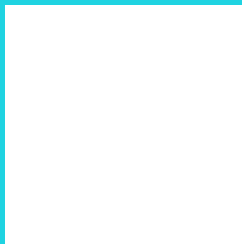
Any Text WCAG AAA ✓ Pass

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

YUV 158.7760, 32.6484, -112.0596 Background



This preview shows how black text looks on a background with the YUV color 158.7760, 32.6484, -112.0596.

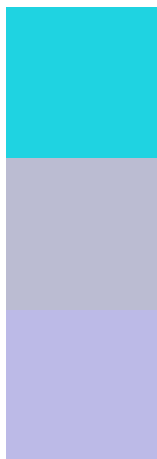


This preview shows how white text looks on a background with the YUV color 158.7760, 32.6484, -112.0596.

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

158.7760, 32.6484, -112.0596

Protanopia

190.2090, 9.7570, -2.8143

Deuteranopia

191.7280, 19.3611, -3.2695



Tritanopia

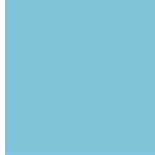
160.3140, 33.3692, -109.9004

Trichromacy



Original Color

158.7760, 32.6484, -112.0596



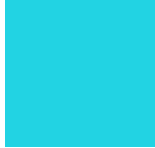
Protanomaly

178.4320, 18.0280, -42.4749



Deuteranomaly

179.7400, 24.2852, -42.7450



Tritanomaly

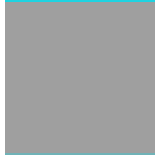
159.9010, 33.0798, -110.4152

Monochromacy



Original Color

158.7760, 32.6484, -112.0596



Achromatopsia

159.0000, 0.0000, 0.0000



Achromatomaly

158.8360, 11.9129, -41.0752

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.7760, 32.6484, -112.0596 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(31, 211, 225)` looks like.

```
.text, #text, p{  
    color:rgb(31, 211, 225)  
}
```

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(31, 211, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 211, 225) }
```

Border

The CSS property to change the border of an element to YUV 158.7760, 32.6484, -112.0596 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(31, 211, 225) }
```


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

```
.border{ border-color:rgb(31, 211, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 211, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 211, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 211, 225);  
box-shadow:4px 4px 4px 4px rgb(31, 211,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 158.7760, 32.6484, -112.0596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 211, 225) }
```

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

```
.background{ background-color: rgb(31, 211,  
225) }
```

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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