

Converting Colors

YUV(150.9070, 30.6118,
-112.1744)

Have a look what the booklet for
YUV(150.9070, 30.6118, -112.1744)
contains.

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Color

**YUV(150.9070, 30.6118,
-112.1744)**

Conversions

Conversions Part 1

Format	Color
Hex	17CCD5
RGB	23, 204, 213
RGB Percent	9%, 80%, 84%
CMY	0.9098, 0.2000, 0.1647
CMYK	0.89, 0.04, 0.00, 0.16
HSL	183°, 81%, 46%
HSV	183°, 89%, 84%
XYZ	33.9565, 48.1720, 70.4592
YIQ	150.9070, -110.7650, -35.5730

Conversions

Conversions Part 2

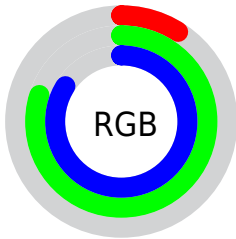
Format	Color
RYB	23, 116, 213
Decimal	1559765
CIELab	74.93, -37.17, -16.21
CIELCh	75, 40.550, 203.562
Yxy	48.1720, 0.2225, 0.3157
Android (android.graphics.Color)	4279749845 (0xFF17CCD5)
YUV	150.9070, 30.6118, -112.1744
Hunter-Lab	69.4060, -34.1306, -11.6054

Details

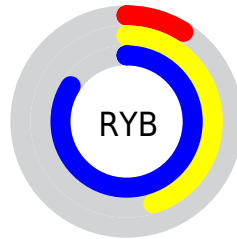
The YUV color **150.9070, 30.6118, -112.1744** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **85.0930, -30.6118, 112.1744**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.2430, 21.0792, -87.9131**, and **105.4750, 25.8948, -92.5016** is the 20% darker color. If you saturate the color by 10%, you get **144.0410, 33.9968, -124.5700**, and if you desaturate by 10%, it is **157.7730, 27.2269, -99.7789**.

Distribution



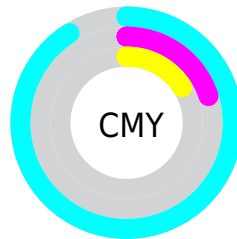
- Red (9%)
- Green (80%)
- Blue (84%)



- Red (9%)
- Yellow (45%)
- Blue (84%)



- Cyan (89%)
- Magenta (4%)
- Yellow (0%)
- Black (16%)



- Cyan (91%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.9070, 30.6118, -112.1744 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 150.9070, 30.6118, -112.1744 by changing the saturation by 10% instead.

150.9070, 30.6118,
-112.1744

150.9070, 30.6118,
-112.1744

255.0000, 0.0000,
0.0000

124.4020, 29.8748,
-109.1006

212.2430, 21.0792,
-87.9131

105.4750, 25.8948,
-92.5016

222.1100, 16.2148,
-67.6255

87.2490, 22.0622,
-76.5174

231.6780, 11.4977,
-47.9526

69.1370, 18.6665,
-60.6331

240.9470, 6.9281,
-28.8945

52.3130, 15.1287,
-45.8785

250.5150, 2.2111,
-9.2217

35.6030, 12.0277,
-31.2238

20.1810, 8.7848,

-17.6987

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,
0.0000

■ 150.9070, 30.6118,
-112.1744

■ 150.9070, 30.6118,
-112.1744

■ 144.0410, 33.9968,
-124.5700

■ 157.7730, 27.2269,
-99.7789

■ 143.4430, 34.2916,
-125.7995

■ 164.9380, 23.6946,
-86.7686

■ 171.8040, 20.3096,
-74.3731

■ 178.6700, 16.9247,
-61.9776

■ 185.8350, 13.3923,
-48.9673

■ 192.7010, 10.0074,
-36.5718

■ 199.5670, 6.6225,
-24.1763

■ 206.4330, 3.2375,
-11.7807

■ 213.5980, -0.2948,
1.2296

Harmonies

Analogous

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



165.1130, 4.8743, -70.2591



150.9070, 30.6118, -112.1744



158.2580, 41.7778, -100.2043

Triad

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



150.9070, 30.6118, -112.1744



189.3500, 19.5475, 30.3881



182.1970, -35.5931, 29.6452

Complementary

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



150.9070, 30.6118, -112.1744



85.0930, -30.6118, 112.1744

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.



185.3490, -29.2591, 51.4369



150.9070, 30.6118, -112.1744



188.7370, 2.5947, 54.6047

Square

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



150.9070, 30.6118, -112.1744



186.2510, 32.9073, -8.1131



186.3020, -14.4459, 60.2481



178.7480, -31.4278, 0.2210

Rectangle

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



150.9070, 30.6118, -112.1744



170.7550, 41.5328, -68.1911



186.3020, -14.4459, 60.2481



183.4800, -34.7466, 38.1670

Sweetspot

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



150.9070, 30.6118, -112.1744



232.6080, 11.0393, -40.8752



135.2140, -52.3635, -98.4117



114.5670, 6.6225, -24.1763



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.



150.9070, 30.6118, -112.1744



171.7110, 41.0615, -150.5905



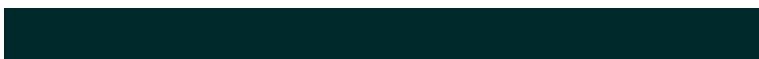
96.9030, 57.2358, -64.8129



103.7110, 1.6215, -6.7625



115.1750, 27.5217, -101.0085



28.9690, 6.9173, -25.4058

Inverse Universe

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



100.4440, 51.0531, 98.7116



103.9470, 68.5531, 132.4735



139.0970, -57.2358, 64.8129



100.5430, 3.1833, 5.6628



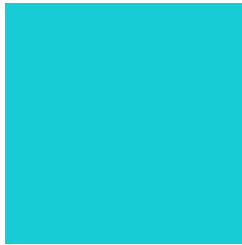
69.7110, 45.9915, 88.8305



17.5310, 11.5702, 22.3363

Previews

White Background



This preview shows how the YUV color 150.9070, 30.6118, -112.1744 looks on a white background.

Color Contrast Check

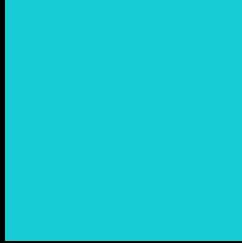
Large Text (above 18pt) WCAG AA × Fail

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 150.9070, 30.6118, -112.1744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

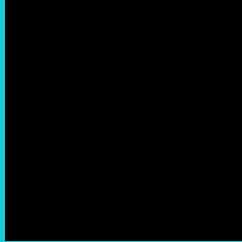
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

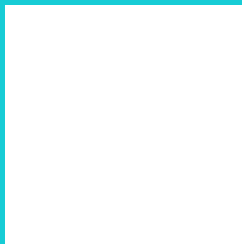
Any Text WCAG AAA ✓ Pass

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

YUV 150.9070, 30.6118, -112.1744 Background



This preview shows how black text looks on a background with the YUV color 150.9070, 30.6118, -112.1744.

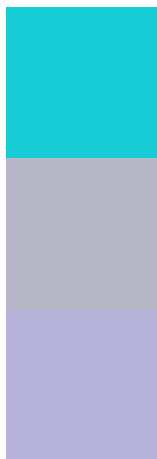


This preview shows how white text looks on a background with the YUV color 150.9070, 30.6118, -112.1744.

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

150.9070, 30.6118, -112.1744

Protanopia

183.9380, 7.4256, -1.6996

Deuteranopia

184.7560, 16.8823, -1.5400



Tritanopia

154.2930, 31.9006, -105.4970

Trichromacy



Original Color

150.9070, 30.6118, -112.1744



Protanomaly

171.8620, 15.8440, -41.9750



Deuteranomaly

172.4690, 21.9538, -41.6303



Tritanomaly

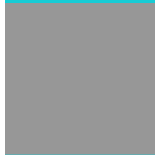
152.8690, 31.6166, -107.7561

Monochromacy



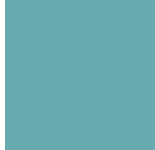
Original Color

150.9070, 30.6118, -112.1744



Achromatopsia

151.0000, 0.0000, 0.0000



Achromatomaly

150.7220, 11.4761, -40.9752

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.9070, 30.6118, -112.1744 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(23, 204, 213)` looks like.

```
.text, #text, p{  
    color:rgb(23, 204, 213)  
}
```

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(23, 204, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 204, 213) }
```

Border

The CSS property to change the border of an element to YUV 150.9070, 30.6118, -112.1744 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(23, 204, 213) }
```


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

```
.border{ border-color:rgb(23, 204, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 204, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 204, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 204, 213);  
box-shadow:4px 4px 4px 4px rgb(23, 204,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 150.9070, 30.6118, -112.1744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 204, 213) }
```

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

```
.background{ background-color: rgb(23, 204,  
213) }
```

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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