

Converting Colors

YUV(150.8300, 30.6498,
-124.3849)

Have a look what the booklet for
YUV(150.8300, 30.6498, -124.3849)
contains.

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Color

**YUV(150.8300, 30.6498,
-124.3849)**

Conversions

Conversions Part 1

Format	Color
Hex	09D3D5
RGB	9, 211, 213
RGB Percent	4%, 83%, 84%
CMY	0.9647, 0.1725, 0.1647
CMYK	0.96, 0.01, 0.00, 0.16
HSL	181°, 92%, 44%
HSV	181°, 96%, 84%
XYZ	35.4172, 51.4507, 71.0151
YIQ	150.8300, -121.0340, -42.2020

Conversions

Conversions Part 2

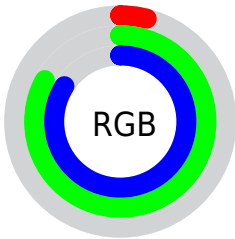
Format	Color
RYB	9, 110, 213
Decimal	644053
CIELab	76.95, -40.85, -13.18
CIELCh	77, 42.926, 197.886
Yxy	51.4507, 0.2243, 0.3259
Android (android.graphics.Color)	4278834133 (0xFF09D3D5)
YUV	150.8300, 30.6498, -124.3849
Hunter-Lab	71.7291, -37.3894, -8.4894

Details

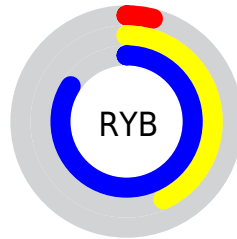
The YUV color **150.8300, 30.6498, -124.3849** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **71.1700, -30.6498, 124.3849**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.6450, 21.3740, -89.1427**, and **109.5840, 23.8691, -96.1052** is the 20% darker color. If you saturate the color by 10%, you get **148.1390, 31.9765, -129.9179**, and if you desaturate by 10%, it is **157.1090, 27.5543, -111.4746**.

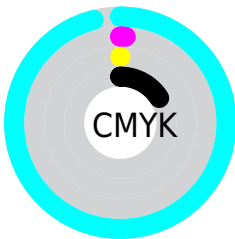
Distribution



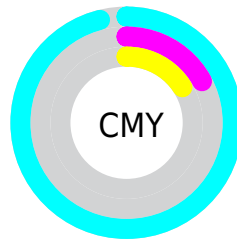
- Red (4%)
- Green (83%)
- Blue (84%)



- Red (4%)
- Yellow (43%)
- Blue (84%)



- Cyan (96%)
- Magenta (1%)
- Yellow (0%)
- Black (16%)



- Cyan (96%)
- Magenta (17%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.8300, 30.6498, -124.3849 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 150.8300, 30.6498, -124.3849 by changing the saturation by 10% instead.

150.8300, 30.6498,
-124.3849

150.8300, 30.6498,
-124.3849

255.0000, 0.0000,
0.0000

128.5110, 27.8491,
-112.7041

211.6450, 21.3740,
-89.1427

109.5840, 23.8691,
-96.1052

221.8110, 16.3622,
-68.2402

90.7710, 20.3259,
-79.6062

231.3790, 11.6452,
-48.5674

72.6590, 16.9301,
-63.7219

240.9470, 6.9281,
-28.8945

55.2480, 13.6817,
-48.4525

250.2160, 2.3585,
-9.8364

38.5380, 10.5808,
-33.7978

23.7030, 7.0484,

-20.7875

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,
0.0000

■ 150.8300, 30.6498,
-124.3849

■ 150.8300, 30.6498,
-124.3849

■ 148.1390, 31.9765,
-129.9179

■ 157.1090, 27.5543,
-111.4746

■ 163.6870, 24.3113,
-97.9495

■ 170.5530, 20.9264,
-85.5540

■ 176.8320, 17.8308,
-72.6437

■ 183.1110, 14.7353,
-59.7333

■ 189.6890, 11.4923,
-46.2083

■ 195.9680, 8.3968,
-33.2979

■ 202.8340, 5.0118,
-20.9024

■ 209.4120, 1.7689,
-7.3773

Harmonies

Analogous

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



170.9840, 0.5009, -67.5150



150.8300, 30.6498, -124.3849



149.7810, 48.4220, -131.3579

Triad

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



150.8300, 30.6498, -124.3849



195.1690, 24.0737, 25.2848



188.3720, -37.6514, 36.5078

Complementary

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



150.8300, 30.6498, -124.3849



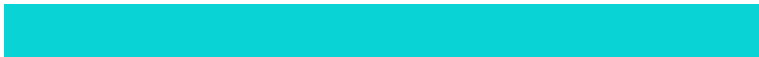
71.1700, -30.6498, 124.3849

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.



190.0230, -28.1123, 56.9848



150.8300, 30.6498, -124.3849



193.8770, 6.9626, 53.6049

Square

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



150.8300, 30.6498, -124.3849



189.0820, 32.4976, -16.7349



188.7300, -10.2199, 58.1188



184.7550, -35.3752, 6.3539

Rectangle

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



150.8300, 30.6498, -124.3849



169.4710, 42.1658, -84.6051



188.7300, -10.2199, 58.1188



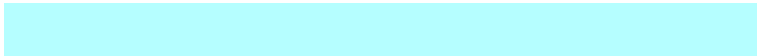
188.9970, -35.4945, 44.7296

Sweetspot

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



150.8300, 30.6498, -124.3849



232.2870, 11.1975, -44.9787



128.7480, -59.0358, -105.0190



113.9580, 6.9227, -27.1502



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.



150.8300, 30.6498, -124.3849



177.5810, 38.1676, -155.7385



92.1300, 59.5889, -72.9050



103.7110, 1.6215, -6.7625



118.6970, 25.7854, -104.0973



30.1430, 6.3385, -26.4354

Inverse Universe

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



93.0240, 58.1622, 105.2190



105.0870, 72.9211, 131.4737



129.8700, -59.5889, 72.9050



100.5430, 3.1833, 5.6628



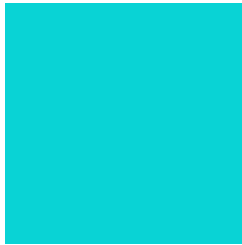
70.3950, 48.6123, 88.2306



17.7590, 12.4438, 22.1364

Previews

White Background



This preview shows how the YUV color 150.8300, 30.6498, -124.3849 looks on a white background.

Color Contrast Check

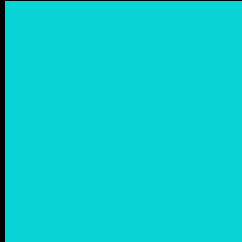
Large Text (above 18pt) WCAG AA × Fail

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 150.8300, 30.6498, -124.3849 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

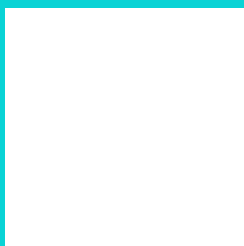
Any Text WCAG AAA ✓ Pass

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

YUV 150.8300, 30.6498, -124.3849 Background



This preview shows how black text looks on a background with the YUV color 150.8300, 30.6498, -124.3849.

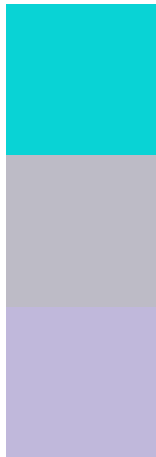


This preview shows how white text looks on a background with the YUV color 150.8300, 30.6498, -124.3849.

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

150.8300, 30.6498, -124.3849

Protanopia

188.8520, 4.5100, 0.1298

Deuteranopia

190.3820, 14.1087, 1.4190



Tritanopia

159.5100, 32.7796, -107.4413

Trichromacy



Original Color

150.8300, 30.6498, -124.3849



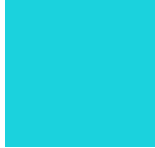
Protanomaly

175.2700, 13.6709, -44.9638



Deuteranomaly

175.9910, 20.2174, -44.7191



Tritanomaly

156.5370, 31.7803, -113.6039

Monochromacy



Original Color

150.8300, 30.6498, -124.3849



Achromatopsia

151.0000, 0.0000, 0.0000



Achromatomaly

150.9880, 11.3449, -45.5935

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.8300, 30.6498, -124.3849 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(9, 211, 213)` looks like.

```
.text, #text, p{  
    color:rgb(9, 211, 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(9, 211, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 211, 213) }
```

Border

The CSS property to change the border of an element to YUV 150.8300, 30.6498, -124.3849 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(9, 211, 213) }
```


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

```
.border{ border-color:rgb(9, 211, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 211, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 211, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 211, 213);  
box-shadow:4px 4px 4px 4px rgb(9, 211,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 150.8300, 30.6498, -124.3849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 211, 213) }
```

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

```
.background{ background-color: rgb(9, 211,  
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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