

Converting Colors

YUV(148.0660, 5.8835,
-114.0679)

Have a look what the booklet for
YUV(148.0660, 5.8835, -114.0679)
contains.

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Color

**YUV(148.0660, 5.8835,
-114.0679)**

Conversions

Conversions Part 1

Format	Color
Hex	12D4A0
RGB	18, 212, 160
RGB Percent	7%, 83%, 63%
CMY	0.9294, 0.1686, 0.3725
CMYK	0.92, 0.00, 0.25, 0.17
HSL	164°, 84%, 45%
HSV	164°, 92%, 83%
XYZ	30.1381, 49.7536, 41.2727
YIQ	148.0660, -98.9320, -57.3000

Conversions

Conversions Part 2

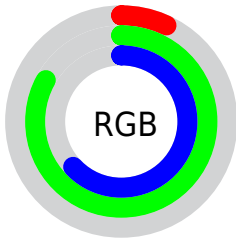
Format	Color
R _{YB}	18, 130, 212
Decimal	1234080
CIE _{Lab}	75.92, -55.24, 13.74
CIE _{LCh}	76, 56.925, 166.037
Yxy	49.7536, 0.2487, 0.4106
Android (android.graphics.Color)	4279424160 (0xFF12D4A0)
YUV	148.0660, 5.8835, -114.0679
Hunter-Lab	70.5363, -47.1706, 14.6832

Details

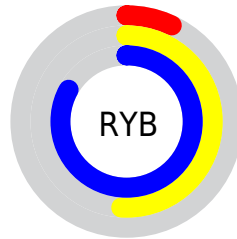
The YUV color **148.0660, 5.8835, -114.0679** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **81.9340, -5.8835, 114.0679**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.4870, 4.1969, -86.3731**, and **103.8840, 2.0292, -91.1063** is the 20% darker color. If you saturate the color by 10%, you get **142.1140, 6.3528, -124.6340**, and if you desaturate by 10%, it is **155.0290, 5.4087, -101.7574**.

Distribution



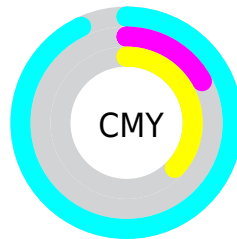
- Red (7%)
- Green (83%)
- Blue (63%)



- Red (7%)
- Yellow (51%)
- Blue (83%)



- Cyan (92%)
- Magenta (0%)
- Yellow (25%)
- Black (17%)



- Cyan (93%)
- Magenta (17%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.0660, 5.8835, -114.0679 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 148.0660, 5.8835, -114.0679 by changing the saturation by 10% instead.

■ 148.0660, 5.8835,
-114.0679

■ 148.0660, 5.8835,
-114.0679

■ 255.0000, 0.0000,
0.0000

■ 123.2840, 5.2830,
-108.1201

■ 206.4870, 4.1969,
-86.3731

■ 103.8840, 2.0292,
-91.1063

■ 219.2470, 11.7102,
-69.4996

■ 85.2990, -0.6404,
-74.8072

■ 230.1830, 12.2348,
-51.0265

■ 67.4150, -3.1626,
-59.1230

■ 239.4520, 7.6652,
-31.9684

■ 49.6450, -5.2480,
-43.5387

■ 248.7210, 3.0955,
-12.9103

■ 33.7500, -7.7648,
-29.5987

■ 17.0230, -8.3923,

-14.9292

■ 0.0000, 0.0000,
0.0000

■ 148.0660, 5.8835,
-114.0679

■ 148.0660, 5.8835,
-114.0679

■ 142.1140, 6.3528,
-124.6340

■ 155.0290, 5.4087,
-101.7574

■ 161.8780, 4.4971,
-89.3470

■ 169.1400, 3.8750,
-76.4218

■ 176.1030, 3.4002,
-64.1113

■ 182.9520, 2.4887,
-51.7009

■ 189.9150, 2.0139,
-39.3905

■ 196.8780, 1.5391,
-27.0800

■ 204.0260, 0.4802,
-14.0548

■ 210.9890, 0.0054,
-1.7444

Harmonies

Analogous

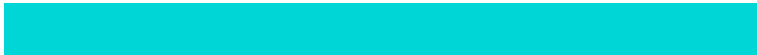
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



172.1580, -30.1509, -36.0956



148.0660, 5.8835, -114.0679



150.0140, 31.5451, -131.5623

Triad

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



148.0660, 5.8835, -114.0679



181.0420, 36.4613, -28.1008



180.8130, -32.9388, 65.0620

Complementary

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



148.0660, 5.8835, -114.0679



81.9340, -5.8835, 114.0679

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.



178.5400, -8.6472, 67.0554



148.0660, 5.8835, -114.0679



192.0370, 31.0408, 30.6626

Square

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



148.0660, 5.8835, -114.0679



146.4700, 53.5053, -128.4542



185.7560, 13.9243, 60.7270



183.9360, -49.7614, 47.4141

Rectangle

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



148.0660, 5.8835, -114.0679



152.7160, 46.9750, -133.9319



185.7560, 13.9243, 60.7270



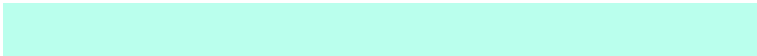
178.8870, -25.0873, 66.7511

Sweetspot

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



148.0660, 5.8835, -114.0679



232.3170, 2.3087, -40.6200



148.3230, -64.2492, -66.0583



114.4870, 1.2389, -24.1061



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.



148.0660, 5.8835, -114.0679



171.0030, 7.8865, -149.9696



129.3400, 40.7514, -97.6452



103.3690, 0.3111, -6.4626



114.6270, 5.1139, -100.5279



28.8890, 1.5337, -25.3357

Inverse Universe

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



81.9340, -5.8835, 114.0679



83.9970, -7.8865, 149.9696



100.6600, -40.7514, 97.6452



99.6310, -0.3111, 6.4626



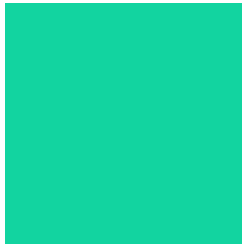
56.3730, -5.1139, 100.5279



14.2250, -1.0969, 25.2357

Previews

White Background



This preview shows how the YUV color 148.0660, 5.8835, -114.0679 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 148.0660, 5.8835, -114.0679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

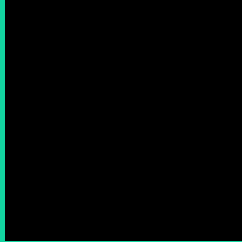
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

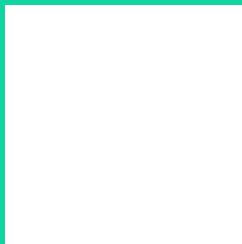
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 148.0660, 5.8835, -114.0679

Background



This preview shows how black text looks on a background with the YUV color 148.0660, 5.8835, -114.0679.

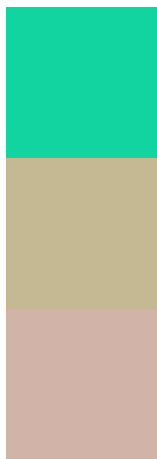


This preview shows how white text looks on a background with the YUV color 148.0660, 5.8835,

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

148.0660, 5.8835, -114.0679

Protanopia

184.2560, -18.3672, 11.1765

Deuteranopia

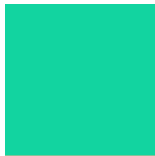
186.9010, -9.8112, 20.2578



Tritanopia

165.5730, 27.3255, -84.6945

Trichromacy



Original Color

148.0660, 5.8835, -114.0679



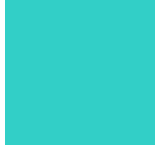
Protanomaly

171.2610, -9.4957, -34.4319



Deuteranomaly

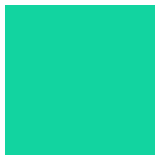
172.6730, -4.2758, -28.6542



Tritanomaly

159.1450, 19.6485, -95.7202

Monochromacy



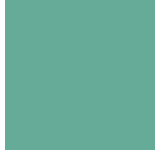
Original Color

148.0660, 5.8835, -114.0679



Achromatopsia

148.0000, 0.0000, 0.0000



Achromatomaly

147.9040, 2.0193, -41.1348

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.0660, 5.8835, -114.0679 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(18, 212, 160)` looks like.

```
.text, #text, p{  
    color:rgb(18, 212, 160)  
}
```

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(18, 212, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 212, 160) }
```

Border

The CSS property to change the border of an element to YUV 148.0660, 5.8835, -114.0679 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(18, 212, 160) }
```


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

```
.border{ border-color:rgb(18, 212, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 212, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 212, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 212, 160);  
box-shadow:4px 4px 4px 4px rgb(18, 212,  
160) }
```

Background

The CSS property to change the background color of an element to YUV 148.0660, 5.8835, -114.0679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 212, 160) }
```

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

```
.background{ background-color: rgb(18, 212,  
160) }
```

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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