

Converting Colors

YUV(153.0400, 1.9523,
-113.1681)

Have a look what the booklet for
YUV(153.0400, 1.9523, -113.1681)
contains.

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Color

**YUV(153.0400, 1.9523,
-113.1681)**

Conversions

Conversions Part 1

Format	Color
Hex	18DA9D
RGB	24, 218, 157
RGB Percent	9%, 85%, 62%
CMY	0.9059, 0.1451, 0.3843
CMYK	0.89, 0.00, 0.28, 0.15
HSL	161°, 80%, 47%
HSV	161°, 89%, 85%
XYZ	31.5339, 52.7713, 40.4222
YIQ	153.0400, -96.0430, -60.0990

Conversions

Conversions Part 2

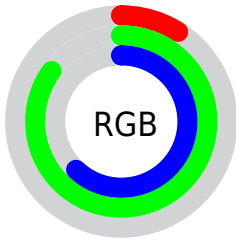
Format	Color
RYB	24, 139, 218
Decimal	1628829
CIELab	77.74, -57.91, 17.88
CIELCh	78, 60.609, 162.844
Yxy	52.7713, 0.2528, 0.4231
Android (android.graphics.Color)	4279818909 (0xFF18DA9D)
YUV	153.0400, 1.9523, -113.1681
Hunter-Lab	72.6439, -49.6419, 17.8592

Details

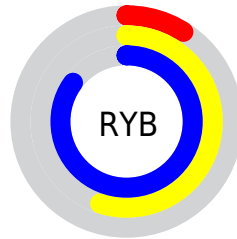
The YUV color **153.0400, 1.9523, -113.1681** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **88.9600, -1.9523, 113.1681**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.0420, 2.4443, -84.2288**, and **107.0640, -1.0176, -93.8951** is the 20% darker color. If you saturate the color by 10%, you get **145.6640, 2.1376, -125.9933**, and if you desaturate by 10%, it is **160.4160, 1.7669, -100.3428**.

Distribution



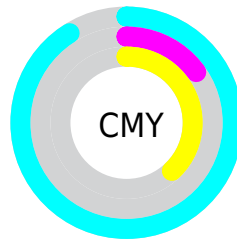
- Red (9%)
- Green (85%)
- Blue (62%)



- Red (9%)
- Yellow (55%)
- Blue (85%)



- Cyan (89%)
- Magenta (0%)
- Yellow (28%)
- Black (15%)



- Cyan (91%)
- Magenta (15%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.0400, 1.9523, -113.1681 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 153.0400, 1.9523, -113.1681 by changing the saturation by 10% instead.

153.0400, 1.9523,
-113.1681

153.0400, 1.9523,
-113.1681

255.0000, 0.0000,
0.0000

126.4640, 2.2362,
-110.9089

207.0420, 2.4443,
-84.2288

107.0640, -1.0176,
-93.8951

219.8020, 9.9576,
-67.3554

88.4790, -3.6871,
-77.5961

231.0800, 11.7926,
-49.1822

70.0080, -5.9199,
-61.3970

240.3490, 7.2229,
-30.1241

52.2380, -8.0053,
-45.8127

249.6180, 2.6533,
-11.0660

35.7560, -10.2327,
-31.3580

19.9580, -9.8393,

-17.5032

■ 0.0000, 0.0000,
0.0000

■ 153.0400, 1.9523,
-113.1681

■ 153.0400, 1.9523,
-113.1681

■ 145.6640, 2.1376,
-125.9933

■ 160.4160, 1.7669,
-100.3428

■ 144.9520, 1.9957,
-127.1229

■ 167.7920, 1.5815,
-87.5176

■ 174.8690, 1.5436,
-75.3071

■ 182.1310, 0.9214,
-62.3819

■ 189.5070, 0.7360,
-49.5566

■ 196.8830, 0.5507,
-36.7314

■ 204.2590, 0.3653,
-23.9061

■ 211.3360, 0.3274,
-11.6957

■ 218.7120, 0.1420,
1.1296

Harmonies

Analogous

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



176.9150, -34.9611, -33.2515



153.0400, 1.9523, -113.1681



153.6500, 30.2456, -134.7510

Triad

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



153.0400, 1.9523, -113.1681



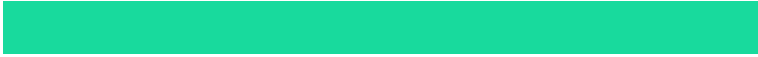
181.8620, 36.0570, -38.4670



181.8560, -31.4810, 64.1473

Complementary

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



153.0400, 1.9523, -113.1681



88.9600, -1.9523, 113.1681

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.



179.5660, -4.7160, 66.1556



153.0400, 1.9523, -113.1681



194.9720, 29.5938, 28.0886

Square

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



153.0400, 1.9523, -113.1681



150.5790, 51.4796, -132.0578



188.9990, 18.7345, 57.8829



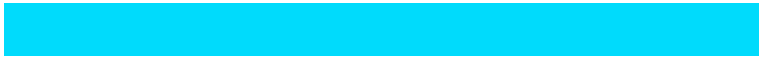
188.8830, -52.6933, 54.4766

Rectangle

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



153.0400, 1.9523, -113.1681



157.2810, 46.6965, -137.9354



188.9990, 18.7345, 57.8829



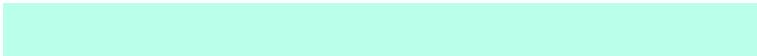
180.1580, -22.7559, 65.6364

Sweetspot

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



153.0400, 1.9523, -113.1681



231.8610, 0.5615, -40.2201



156.1170, -65.1337, -62.3696



114.2590, 0.3653, -23.9061



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.



153.0400, 1.9523, -113.1681



169.6350, 2.6449, -148.7699



138.8620, 39.0150, -100.7340



106.2550, -0.1257, -6.3626



115.1170, 1.9143, -100.9576



30.5360, 0.2288, -26.7801

Inverse Universe

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



88.9600, -1.9523, 113.1681



85.3650, -2.6449, 148.7699



103.1380, -39.0150, 100.7340



102.6310, -0.3111, 6.4626



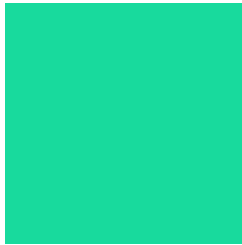
57.9970, -1.4775, 100.8576



15.3500, -0.6655, 26.8800

Previews

White Background



This preview shows how the YUV color 153.0400, 1.9523, -113.1681 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 153.0400, 1.9523, -113.1681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

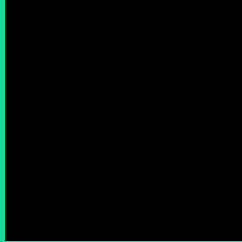
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

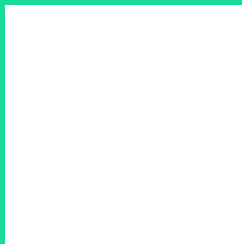
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 153.0400, 1.9523, -113.1681

Background



This preview shows how black text looks on a background with the YUV color 153.0400, 1.9523, -113.1681.

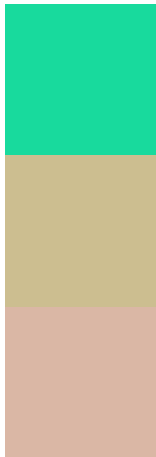


This preview shows how white text looks on a background with the YUV color 153.0400, 1.9523, -113.1681.

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

153.0400, 1.9523, -113.1681

Protanopia

188.9420, -22.1564, 13.2059

Deuteranopia

191.4130, -13.0216, 23.3168



Tritanopia

170.8720, 27.1781, -84.0797

Trichromacy



Original Color

153.0400, 1.9523, -113.1681



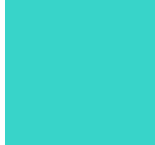
Protanomaly

175.9470, -13.2849, -32.4025



Deuteranomaly

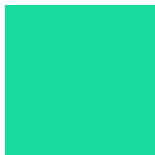
177.4730, -7.6282, -26.7248



Tritanomaly

164.1020, 18.1907, -94.8055

Monochromacy



Original Color

153.0400, 1.9523, -113.1681



Achromatopsia

153.0000, 0.0000, 0.0000



Achromatomaly

153.1490, 0.4195, -41.3497

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.0400, 1.9523, -113.1681 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(24, 218, 157)` looks like.

```
.text, #text, p{  
    color:rgb(24, 218, 157)  
}
```

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(24, 218, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 218, 157) }
```

Border

The CSS property to change the border of an element to YUV 153.0400, 1.9523, -113.1681 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(24, 218, 157) }
```


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

```
.border{ border-color:rgb(24, 218, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 218, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 218, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 218, 157);  
box-shadow:4px 4px 4px 4px rgb(24, 218,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 153.0400, 1.9523, -113.1681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 218, 157) }
```

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

```
.background{ background-color: rgb(24, 218,  
157) }
```

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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