

Converting Colors

YUV(146.7680, 4.5514,
-106.7905)

Have a look what the booklet for
YUV(146.7680, 4.5514, -106.7905)
contains.

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Color

**YUV(146.7680, 4.5514,
-106.7905)**

Conversions

Conversions Part 1

Format	Color
Hex	19CF9C
RGB	25, 207, 156
RGB Percent	10%, 81%, 61%
CMY	0.9020, 0.1882, 0.3882
CMYK	0.88, 0.00, 0.25, 0.19
HSL	163°, 78%, 45%
HSV	163°, 88%, 81%
XYZ	28.7145, 47.2326, 39.0559
YIQ	146.7680, -92.1010, -54.4450

Conversions

Conversions Part 2

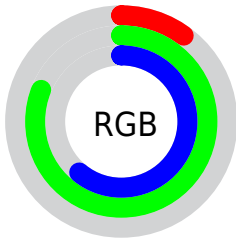
Format	Color
RYB	25, 131, 207
Decimal	1691548
CIELab	74.34, -53.89, 13.65
CIELCh	74, 55.593, 165.784
Yxy	47.2326, 0.2497, 0.4107
Android (android.graphics.Color)	4279881628 (0xFF19CF9C)
YUV	146.7680, 4.5514, -106.7905
Hunter-Lab	68.7260, -45.6912, 14.4146

Details

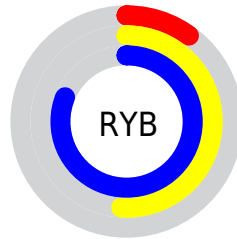
The YUV color **146.7680, 4.5514, -106.7905** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **85.2320, -4.5514, 106.7905**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.0310, 2.4497, -85.9732**, and **100.6070, 2.1657, -88.2323** is the 20% darker color. If you saturate the color by 10%, you get **139.8050, 5.0261, -119.1010**, and if you desaturate by 10%, it is **153.7310, 4.0766, -94.4801**.

Distribution



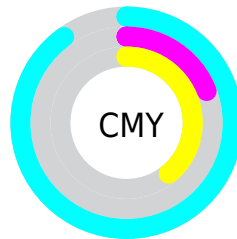
- Red (10%)
- Green (81%)
- Blue (61%)



- Red (10%)
- Yellow (51%)
- Blue (81%)



- Cyan (88%)
- Magenta (0%)
- Yellow (25%)
- Black (19%)



- Cyan (90%)
- Magenta (19%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.7680, 4.5514, -106.7905 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 146.7680, 4.5514, -106.7905 by changing the saturation by 10% instead.

 146.7680, 4.5514,
-106.7905

 146.7680, 4.5514,
-106.7905


255.0000, 0.0000,
0.0000


 119.8930, 4.9828,
-105.1462


 206.0310, 2.4497,
-85.9732


 100.6070, 2.1657,
-88.2323


 218.7910, 9.9630,
-69.0997


 82.4950, -1.2300,
-72.3481


 230.1830, 12.2348,
-51.0265


 64.6110, -3.7522,
-56.6638

 239.1530, 7.8126,
-32.5832

 46.9550, -5.4008,
-41.1795

 248.4220, 3.2430,
-13.5251

 31.0600, -7.9176,
-27.2396

 14.0880, -6.9454,

-12.3552

■ 0.0000, 0.0000,
0.0000

■ 146.7680, 4.5514,
-106.7905

■ 146.7680, 4.5514,
-106.7905

■ 139.8050, 5.0261,
-119.1010

■ 153.7310, 4.0766,
-94.4801

■ 138.4950, 5.1790,
-121.4601

■ 160.3950, 3.7493,
-82.7844

■ 167.2440, 2.8377,
-70.3740

■ 174.2070, 2.3629,
-58.0635

■ 181.1700, 1.8882,
-45.7531

■ 187.8340, 1.5608,
-34.0574

■ 194.7970, 1.0861,
-21.7470

■ 201.6460, 0.1745,
-9.3365

■ 208.3100, -0.1528,
2.3591

Harmonies

Analogous

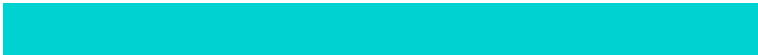
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



168.0980, -29.1353, -35.1659



146.7680, 4.5514, -106.7905



146.5090, 30.8081, -128.4884

Triad

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



146.7680, 4.5514, -106.7905



177.4980, 38.2085, -28.5007



178.8240, -32.9442, 66.8064

Complementary

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



146.7680, 4.5514, -106.7905



85.2320, -4.5514, 106.7905

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.



176.4370, -9.0894, 68.8998



146.7680, 4.5514, -106.7905



188.4820, 32.7934, 28.5183

Square

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



146.7680, 4.5514, -106.7905



143.5350, 54.9522, -125.8802



183.4250, 12.6085, 62.7713



179.3920, -48.0143, 47.0142

Rectangle

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



146.7680, 4.5514, -106.7905



148.9830, 45.3644, -130.6581



183.4250, 12.6085, 62.7713



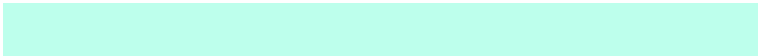
176.8980, -25.0927, 68.4955

Sweetspot

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



146.7680, 4.5514, -106.7905



233.1000, 1.4297, -38.6757



147.3820, -60.3343, -61.7250



114.6720, 0.6547, -23.3913



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.



146.7680, 4.5514, -106.7905



170.6610, 6.5761, -149.6697



129.6890, 38.1143, -91.8123



101.3690, 0.3111, -6.4626



112.4100, 4.2349, -98.5836



27.3730, 0.8021, -24.0061

Inverse Universe

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



85.2320, -4.5514, 106.7905



84.3390, -6.5761, 149.6697



102.3110, -38.1143, 91.8123



97.6310, -0.3111, 6.4626



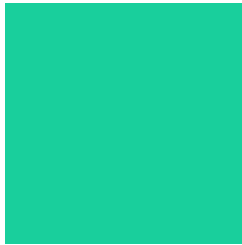
55.5900, -4.2349, 98.5836



13.5130, -1.2389, 24.1061

Previews

White Background



This preview shows how the YUV color 146.7680, 4.5514, -106.7905 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 146.7680, 4.5514, -106.7905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

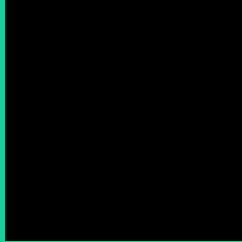
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

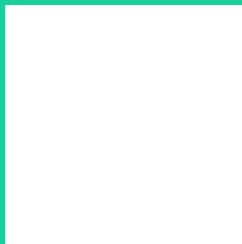
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 146.7680, 4.5514, -106.7905

Background



This preview shows how black text looks on a background with the YUV color 146.7680, 4.5514, -106.7905.



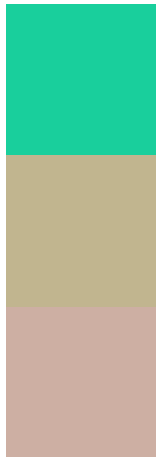
This preview shows how white text looks on a background with the YUV color 146.7680, 4.5514,

-106.7905.

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

146.7680, 4.5514, -106.7905

Protanopia

180.2560, -18.3672, 11.1765

Deuteranopia

182.6020, -9.6638, 19.6430



Tritanopia

161.9540, 26.1517, -81.5207

Trichromacy



Original Color

146.7680, 4.5514, -106.7905



Protanomaly

167.8700, -9.7959, -31.4580



Deuteranomaly

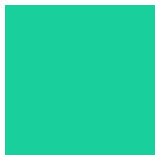
169.8690, -4.8654, -26.1951



Tritanomaly

156.5370, 18.4693, -90.8019

Monochromacy



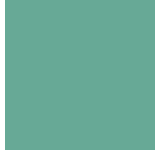
Original Color

146.7680, 4.5514, -106.7905



Achromatopsia

147.0000, 0.0000, 0.0000



Achromatomaly

147.1000, 1.4297, -38.6757

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.7680, 4.5514, -106.7905 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(25, 207, 156)` looks like.

```
.text, #text, p{  
    color:rgb(25, 207, 156)  
}
```

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(25, 207, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 207, 156) }
```

Border

The CSS property to change the border of an element to YUV 146.7680, 4.5514, -106.7905 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(25, 207, 156) }
```


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

```
.border{ border-color:rgb(25, 207, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 207, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 207, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 207, 156);  
box-shadow:4px 4px 4px 4px rgb(25, 207,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 146.7680, 4.5514, -106.7905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 207, 156) }
```

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

```
.background{ background-color: rgb(25, 207,  
156) }
```

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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