

Converting Colors

YUV(146.8380, 2.0519,
-51.6009)

Have a look what the booklet for
YUV(146.8380, 2.0519, -51.6009)
contains.

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Color

**YUV(146.8380, 2.0519,
-51.6009)**

Conversions

Conversions Part 1

Format	Color
Hex	58B097
RGB	88, 176, 151
RGB Percent	35%, 69%, 59%
CMY	0.6549, 0.3098, 0.4078
CMYK	0.50, 0.00, 0.14, 0.31
HSL	163°, 36%, 52%
HSV	163°, 50%, 69%
XYZ	25.1358, 35.3597, 34.7785
YIQ	146.8380, -44.4230, -26.4310

Conversions

Conversions Part 2

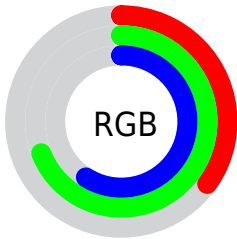
Format	Color
RYB	88, 139, 176
Decimal	5812375
CIELab	66.03, -32.63, 4.71
CIElCh	66, 32.969, 171.781
Yxy	35.3597, 0.2638, 0.3711
Android (android.graphics.Color)	4284002455 (0xFF58B097)
YUV	146.8380, 2.0519, -51.6009
Hunter-Lab	59.4641, -28.6093, 6.9482

Details

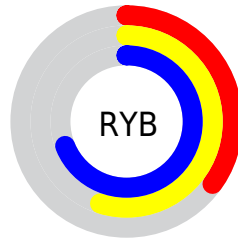
The YUV color **146.8380, 2.0519, -51.6009** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **117.1620, -2.0519, 51.6009**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.3110, 1.3257, -52.0157**, and **91.6740, 4.1047, -56.7191** is the 20% darker color. If you saturate the color by 10%, you get **140.8860, 2.5212, -62.1670**, and if you desaturate by 10%, it is **152.7900, 1.5825, -41.0348**.

Distribution



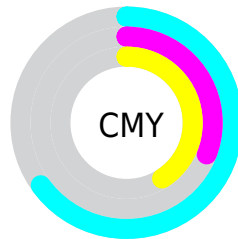
- Red (35%)
- Green (69%)
- Blue (59%)



- Red (35%)
- Yellow (55%)
- Blue (69%)



- Cyan (50%)
- Magenta (0%)
- Yellow (14%)
- Black (31%)



- Cyan (65%)
- Magenta (31%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.8380, 2.0519, -51.6009 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 146.8380, 2.0519, -51.6009 by changing the saturation by 10% instead.

■ 146.8380, 2.0519,
-51.6009

■ 146.8380, 2.0519,
-51.6009

■ 255.0000, 0.0000,
0.0000

■ 119.6530, 2.6361,
-52.3157

■ 202.3110, 1.3257,
-52.0157

■ 91.6740, 4.1047,
-56.7191

■ 227.6750, 2.6252,
-48.8270

■ 66.1900, 4.8363,
-58.0486

■ 238.5550, 8.1074,
-33.8127

■ 49.0070, 2.4615,
-42.9791

■ 247.2260, 3.8326,
-15.9842

■ 32.9980, -0.4920,
-28.9392

■ 18.6360, -4.7505,
-16.3438

■ 0.0000, 0.0000,

0.0000

■ 146.8380, 2.0519,
-51.6009

■ 146.8380, 2.0519,
-51.6009

■ 140.8860, 2.5212,
-62.1670

■ 152.7900, 1.5825,
-41.0348

■ 135.2330, 2.8431,
-72.1183

■ 158.4430, 1.2606,
-31.0835

■ 129.2810, 3.3125,
-82.6844

■ 164.3950, 0.7913,
-20.5174

■ 123.6280, 3.6344,
-92.6358

■ 170.0480, 0.4693,
-10.5661

■ 117.6760, 4.1037,
-103.2019

■ 176.0000, 0.0000,
0.0000

■ 181.9520, -0.4693,
10.5661

■ 187.6050, -0.7913,
20.5174

■ 193.5570, -1.2606,
31.0835

■ 199.2100, -1.5825,
41.0348

Harmonies

Analogous

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



152.0620, -14.3276, -24.6104



146.8380, 2.0519, -51.6009



140.6900, 19.8728, -74.2731

Triad

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



146.8380, 2.0519, -51.6009



161.8290, 26.2133, -7.7430



161.3030, -22.8274, 41.8303

Complementary

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



146.8380, 2.0519, -51.6009



117.1620, -2.0519, 51.6009

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.



163.0340, -11.3558, 49.0822



146.8380, 2.0519, -51.6009



164.3830, 16.0802, 22.4661

Square

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



146.8380, 2.0519, -51.6009



153.9880, 31.5579, -42.0855



164.6600, 2.6326, 42.3942



159.4120, -28.3041, 25.0717

Rectangle

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



146.8380, 2.0519, -51.6009



141.2690, 28.4614, -75.6579



164.6600, 2.6326, 42.3942



161.8350, -19.6387, 45.7487

Sweetspot

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



146.8380, 2.0519, -51.6009



218.3950, 0.7913, -20.5174



147.4300, -29.2990, -29.3181



108.0370, 0.4748, -12.3104



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



146.8380, 2.0519, -51.6009



184.1780, 2.8702, -80.8401



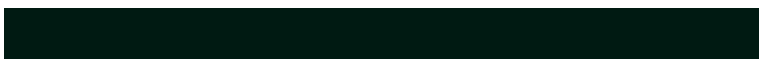
139.1220, 18.1809, -44.8340



86.0810, 0.4531, -5.3330



102.3510, 3.7710, -89.7618



17.3140, 0.3382, -15.1844

Inverse Universe

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



117.1620, -2.0519, 51.6009



137.7080, -3.3070, 80.9401



124.8780, -18.1809, 44.8340



83.0330, -0.0163, 5.2331



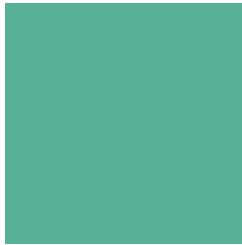
50.6490, -3.7710, 89.7618



8.5720, -0.7750, 15.2844

Previews

White Background



This preview shows how the YUV color 146.8380, 2.0519, -51.6009 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 146.8380, 2.0519, -51.6009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

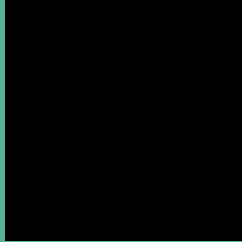
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 146.8380, 2.0519, -51.6009

Background



This preview shows how black text looks on a background with the YUV color 146.8380, 2.0519, -51.6009.



This preview shows how white text looks on a background with the YUV color 146.8380, 2.0519,

-51.6009.

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

146.8380, 2.0519, -51.6009

Protanopia

159.1550, -8.4574, 6.0031

Deuteranopia

160.8060, -2.3694, 13.3251



Tritanopia

150.7690, 16.8759, -46.2784

Trichromacy



Original Color

146.8380, 2.0519, -51.6009

Protanomaly

154.6470, -4.7560, -14.5994

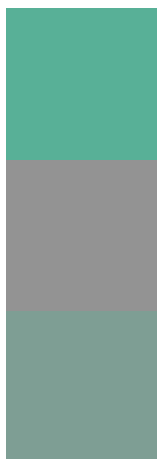
Deuteranomaly

155.7060, -0.8411, -10.2662

Tritanomaly

149.3790, 11.6452, -48.5674

Monochromacy



Original Color

146.8380, 2.0519, -51.6009

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

147.2920, 0.3490, -18.6731

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.8380, 2.0519, -51.6009 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(88, 176, 151)` looks like.

```
.text, #text, p{  
    color:rgb(88, 176, 151)  
}
```

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(88, 176, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 176, 151) }
```

Border

The CSS property to change the border of an element to YUV 146.8380, 2.0519, -51.6009 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(88, 176, 151) }
```


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

```
.border{ border-color:rgb(88, 176, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 176, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 176, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 176, 151);  
box-shadow:4px 4px 4px 4px rgb(88, 176,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 146.8380, 2.0519, -51.6009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 176, 151) }
```

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

```
.background{ background-color: rgb(88, 176,  
151) }
```

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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