

Converting Colors

YUV(148.0260, 3.4382,
-76.3218)

Have a look what the booklet for
YUV(148.0260, 3.4382, -76.3218)
contains.

YUV(148.0260, 3.4382, -76.3218)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(148.0260, 3.4382,
-76.3218)**

Conversions

Conversions Part 1

Format	Color
Hex	3DBF9B
RGB	61, 191, 155
RGB Percent	24%, 75%, 61%
CMY	0.7608, 0.2510, 0.3922
CMYK	0.68, 0.00, 0.19, 0.25
HSL	163°, 52%, 49%
HSV	163°, 68%, 75%
XYZ	26.4717, 40.6203, 37.4556
YIQ	148.0260, -65.9240, -38.7560

Conversions

Conversions Part 2

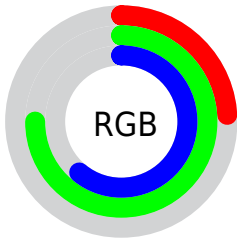
Format	Color
RYB	61, 136, 191
Decimal	4046747
CIELab	69.91, -43.77, 7.98
CIElCh	70, 44.494, 169.664
Yxy	40.6203, 0.2532, 0.3885
Android (android.graphics.Color)	4282236827 (0xFF3DBF9B)
YUV	148.0260, 3.4382, -76.3218
Hunter-Lab	63.7340, -37.3953, 9.7699

Details

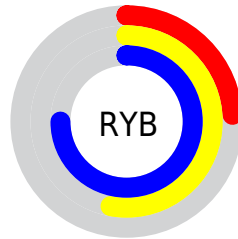
The YUV color **148.0260, 3.4382, -76.3218** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **103.9740, -3.4382, 76.3218**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.4780, 1.2433, -72.3332**, and **92.2750, 5.7804, -80.9252** is the 20% darker color. If you saturate the color by 10%, you get **141.7750, 4.0549, -87.5027**, and if you desaturate by 10%, it is **154.2770, 2.8214, -65.1409**.

Distribution



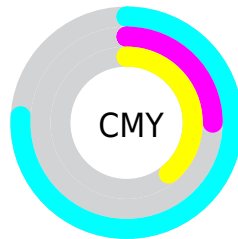
- Red (24%)
- Green (75%)
- Blue (61%)



- Red (24%)
- Yellow (53%)
- Blue (75%)



- Cyan (68%)
- Magenta (0%)
- Yellow (19%)
- Black (25%)



- Cyan (76%)
- Magenta (25%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.0260, 3.4382, -76.3218 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 148.0260, 3.4382, -76.3218 by changing the saturation by 10% instead.


 148.0260, 3.4382,
-76.3218


 148.0260, 3.4382,
-76.3218


255.0000, 0.0000,
0.0000


 114.5730, 7.1125,
-88.2025


 206.4780, 1.2433,
-72.3332

 92.2750, 5.7804,
-80.9252


 222.8630, 7.4625,
-60.3929


 73.6900, 3.1108,
-64.6261


 233.4720, 10.6133,
-44.2639

 56.3930, 0.2993,
-49.4567

 242.4420, 6.1911,
-25.8206

 39.7970, -2.3649,
-34.9020

 251.4120, 1.7689,
-7.3773

 25.0760, -5.4605,
-21.9917

 0.0000, 0.0000,

0.0000

■ 148.0260, 3.4382,
-76.3218

■ 148.0260, 3.4382,
-76.3218

■ 141.7750, 4.0549,
-87.5027

■ 154.2770, 2.8214,
-65.1409

■ 135.4100, 4.2349,
-98.5836

■ 160.6420, 2.6415,
-54.0600

■ 129.1590, 4.8516,
-109.7644

■ 166.8930, 2.0248,
-42.8792

■ 127.8490, 5.0044,
-112.1236

■ 173.1440, 1.4080,
-31.6983

■ 179.6940, 0.6439,
-19.9026

■ 186.0590, 0.4639,
-8.8217

■ 192.3100, -0.1528,
2.3591

■ 198.5610, -0.7696,
13.5400

■ 204.9260, -0.9495,
24.6209

Harmonies

Analogous

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



159.2970, -20.8524, -31.8325



148.0260, 3.4382, -76.3218



135.1620, 30.4861, -118.5371

Triad

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



148.0260, 3.4382, -76.3218



171.3470, 37.2969, -16.0903



170.6810, -29.4227, 57.2848

Complementary

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



148.0260, 3.4382, -76.3218



103.9740, -3.4382, 76.3218

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.



172.3890, -13.0098, 66.3108



148.0260, 3.4382, -76.3218



175.4790, 23.9209, 27.6439

Square

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



148.0260, 3.4382, -76.3218



155.6990, 46.4904, -71.6500



174.9590, 5.9362, 56.1640



168.8340, -38.3722, 34.3486

Rectangle

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



148.0260, 3.4382, -76.3218



136.7240, 41.5481, -119.9069



174.9590, 5.9362, 56.1640



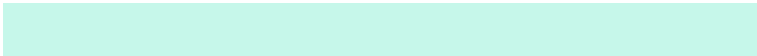
171.2670, -24.7816, 62.0328

Sweetspot

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



148.0260, 3.4382, -76.3218



230.8670, 1.5446, -28.8244



148.3730, -43.0749, -44.1771



115.1180, 0.9278, -17.6435



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



148.0260, 3.4382, -76.3218



180.2180, 5.3155, -118.5862



135.6940, 27.2659, -65.5066



91.0810, 0.4531, -5.3330



105.7420, 4.0712, -92.7357



20.7050, 0.6384, -18.1583

Inverse Universe

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



103.9740, -3.4382, 76.3218



111.7820, -5.3155, 118.5862



116.3060, -27.2659, 65.5066



88.0330, -0.0163, 5.2331



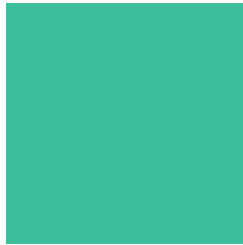
52.2580, -4.0712, 92.7357



10.1810, -1.0752, 18.2583

Previews

White Background



This preview shows how the YUV color 148.0260, 3.4382, -76.3218 looks on a white background.

Color Contrast Check

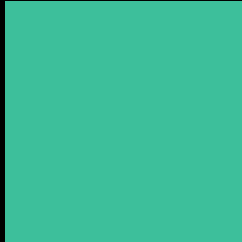
Large Text (above 18pt) WCAG AA × Fail

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 148.0260, 3.4382, -76.3218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

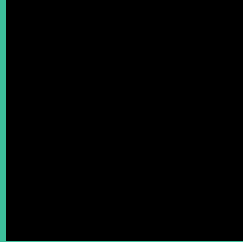
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 148.0260, 3.4382, -76.3218

Background



This preview shows how black text looks on a background with the YUV color 148.0260, 3.4382, -76.3218.



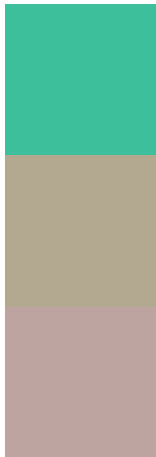
This preview shows how white text looks on a background with the YUV color 148.0260, 3.4382, -76.3218.

-76.3218.

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

148.0260, 3.4382, -76.3218

Protanopia

168.8410, -12.2466, 8.0324

Deuteranopia

171.1330, -4.9956, 15.6694



Tritanopia

155.6140, 21.8823, -65.4365

Trichromacy



Original Color

148.0260, 3.4382, -76.3218



Protanomaly

161.1360, -6.4760, -22.9213



Deuteranomaly

162.7220, -1.8349, -18.1732



Tritanomaly

152.8710, 15.3466, -69.1699

Monochromacy



Original Color

148.0260, 3.4382, -76.3218



Achromatopsia

148.0000, 0.0000, 0.0000



Achromatomaly

148.1660, 1.3972, -28.2096

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.0260, 3.4382, -76.3218 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(61, 191, 155)` looks like.

```
.text, #text, p{  
    color:rgb(61, 191, 155)  
}
```

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(61, 191, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 191, 155) }
```

Border

The CSS property to change the border of an element to YUV 148.0260, 3.4382, -76.3218 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(61, 191, 155) }
```


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

```
.border{ border-color:rgb(61, 191, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 191, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 191, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 191, 155);  
box-shadow:4px 4px 4px 4px rgb(61, 191,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 148.0260, 3.4382, -76.3218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 191, 155) }
```

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

```
.background{ background-color: rgb(61, 191,  
155) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor