

Converting Colors

YUV(152.3680, -14.9714,
-4.7077)

Have a look what the booklet for
YUV(152.3680, -14.9714, -4.7077)
contains.

YUV(152.3680, -14.9714, -4.7077)	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(152.3680, -14.9714,
-4.7077)**

Conversions

Conversions Part 1

Format	Color
Hex	93A17A
RGB	147, 161, 122
RGB Percent	58%, 63%, 48%
CMY	0.4235, 0.3686, 0.5216
CMYK	0.09, 0.00, 0.24, 0.37
HSL	82°, 17%, 55%
HSV	82°, 24%, 63%
XYZ	28.2903, 33.0979, 23.3098
YIQ	152.3680, 4.1750, -15.0970

Conversions

Conversions Part 2

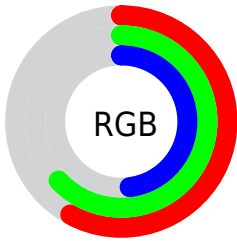
Format	Color
RYB	122, 161, 136
Decimal	9675130
CIELab	64.24, -12.02, 18.70
CIELCh	64, 22.233, 122.739
Yxy	33.0979, 0.3340, 0.3908
Android (android.graphics.Color)	4287865210 (0xFF93A17A)
YUV	152.3680, -14.9714, -4.7077
Hunter-Lab	57.5308, -12.9028, 16.2489

Details

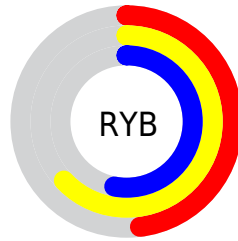
The YUV color **152.3680, -14.9714, -4.7077** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **130.6320, 14.9714, 4.7077**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.8410, -15.6976, -5.1226**, and **101.0090, -13.8084, -4.3929** is the 20% darker color. If you saturate the color by 10%, you get **148.7500, -21.0757, -6.7968**, and if you desaturate by 10%, it is **155.9860, -8.8671, -2.6187**.

Distribution



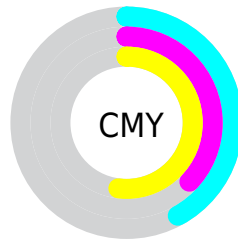
- Red (58%)
- Green (63%)
- Blue (48%)



- Red (48%)
- Yellow (63%)
- Blue (53%)



- Cyan (9%)
- Magenta (0%)
- Yellow (24%)
- Black (37%)



- Cyan (42%)
- Magenta (37%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.3680, -14.9714, -4.7077 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 152.3680, -14.9714, -4.7077 by changing the saturation by 10% instead.

■ 152.3680,
-14.9714, -4.7077

■ 152.3680,
-14.9714, -4.7077

■ 255.0000, 0.0000,
0.0000

■ 126.4820,
-14.5346, -4.8077

■ 206.8410,
-15.6976, -5.1226

■ 101.0090,
-13.8084, -4.3929

■ 234.7270,
-16.1344, -5.0226

■ 77.1230, -13.3716,
-4.4929

■ 252.1500,
-10.9200, 2.4994

■ 54.3510, -12.4980,
-4.6928

■ 32.4220, -13.5190,
-3.8781

■ 12.3270, -6.0772,
-10.8108

■ 0.0000, 0.0000,

0.0000

■ 152.3680,
-14.9714, -4.7077

■ 152.3680,
-14.9714, -4.7077

■ 148.7500,
-21.0757, -6.7968

■ 155.9860, -8.8671,
-2.6187

■ 145.1320,
-27.1801, -8.8858

■ 159.6040, -2.7628,
-0.5297

■ 141.8130,
-33.4318, -10.3600

■ 162.9230, 3.4890,
0.9445

■ 138.1950,
-39.5361, -12.4490

■ 166.5410, 9.5933,
3.0335

■ 134.5770,
-45.6405, -14.5380

■ 170.2730, 16.1344,
5.0226

■ 130.8450,
-52.1816, -16.5271

■ 173.8910, 22.2387,
7.1116

■ 127.5260,
-58.4333, -18.0013

■ 177.2100, 28.4905,
8.5858

■ 125.3040,
-61.7749, -19.5606

■ 180.8280, 34.5948,
10.6748

■ 183.0780, 35.4575,
13.9636

Harmonies

Analogous

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



154.7400, -19.0988, 12.5060



152.3680, -14.9714, -4.7077



149.5490, -6.1867, -22.4065

Triad

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



152.3680, -14.9714, -4.7077



150.2310, 19.6061, -35.2826



158.7420, -1.8448, 31.7983

Complementary

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



152.3680, -14.9714, -4.7077



130.6320, 14.9714, 4.7077

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.



159.0810, 7.3551, 20.9770



152.3680, -14.9714, -4.7077



154.4550, 19.9887, -17.9390

Square

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



152.3680, -14.9714, -4.7077



146.8080, 14.3917, -42.8046



157.7350, 15.4136, 2.8634



157.6360, -11.1595, 32.7682

Rectangle

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



152.3680, -14.9714, -4.7077



148.3180, 0.8292, -32.7279



157.7350, 15.4136, 2.8634



159.1160, 0.9288, 28.8393

Sweetspot

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



152.3680, -14.9714, -4.7077



205.7950, -5.8149, -1.5742



141.8790, -9.8003, 16.7691



103.0770, -3.4890, -0.9445



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



152.3680, -14.9714, -4.7077



195.4680, -23.4017, -7.4264



146.6870, -12.1707, -16.3885



80.0770, -3.4890, -0.9445



112.9220, -55.6705, -17.4716



13.8550, -6.8305, -2.5038

Inverse Universe

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



130.6320, 14.9714, 4.7077



161.5320, 23.4017, 7.4264



136.3130, 12.1707, 16.3885



74.9230, 3.4890, 0.9445



32.0780, 55.6705, 17.4716



3.8460, 6.9779, 1.8891

Previews

White Background



This preview shows how the YUV color 152.3680, -14.9714, -4.7077 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 152.3680, -14.9714, -4.7077 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 152.3680, -14.9714, -4.7077

Background



This preview shows how black text looks on a background with the YUV color 152.3680, -14.9714, -4.7077.



This preview shows how white text looks on a background with the YUV color 152.3680, -14.9714, -4.7077.

-4.7077.

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

152.3680, -14.9714, -4.7077

Protanopia

154.1850, -17.3462, 10.3618

Deuteranopia

155.7180, -15.6370, 22.1723



Tritanopia

155.7700, 5.5364, -2.4293

Trichromacy



Original Color

152.3680, -14.9714, -4.7077

Protanomaly

153.3800, -16.4563, 4.9287

Deuteranomaly

154.3640, -15.4625, 12.8358

Tritanomaly

154.5220, -1.7363, -3.0888

Monochromacy



Original Color

152.3680, -14.9714, -4.7077

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

151.9090, -5.3781, -1.6742

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.3680, -14.9714, -4.7077 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(147, 161, 122)` looks like.

```
.text, #text, p{  
    color:rgb(147, 161, 122)  
}
```

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(147, 161, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 161, 122) }
```

Border

The CSS property to change the border of an element to YUV 152.3680, -14.9714, -4.7077 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(147, 161, 122) }
```


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

```
.border{ border-color:rgb(147, 161, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 161, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 161, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 161, 122);  
box-shadow:4px 4px 4px 4px rgb(147, 161,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 152.3680, -14.9714, -4.7077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 161, 122) }
```

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

```
.background{ background-color: rgb(147,  
161, 122) }
```

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