

Converting Colors

YUV(146.3750, -18.9189,
1.4251)

Have a look what the booklet for
YUV(146.3750, -18.9189, 1.4251)
contains.

YUV(146.3750, -18.9189, 1.4251)	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(146.3750, -18.9189,
1.4251)**

Conversions

Conversions Part 1

Format	Color
Hex	94996C
RGB	148, 153, 108
RGB Percent	58%, 60%, 42%
CMY	0.4196, 0.4000, 0.5765
CMYK	0.03, 0.00, 0.29, 0.40
HSL	67°, 18%, 51%
HSV	67°, 29%, 60%
XYZ	26.3107, 30.1611, 18.6223
YIQ	146.3750, 11.4650, -15.0550

Conversions

Conversions Part 2

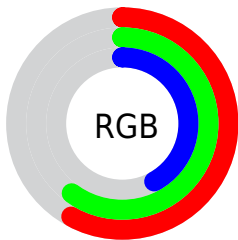
Format	Color
RYB	108, 153, 113
Decimal	9738604
CIELab	61.79, -9.45, 23.11
CIELCh	62, 24.967, 112.244
Yxy	30.1611, 0.3504, 0.4016
Android (android.graphics.Color)	4287928684 (0xFF94996C)
YUV	146.3750, -18.9189, 1.4251
Hunter-Lab	54.9191, -10.5923, 18.3390

Details

The YUV color $146.3750, -18.9189, 1.4251$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $114.6250, 18.9189, -1.4251$, and the grayscale version is $147.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $200.4460, -19.9399, 2.2399$, and $95.7170, -17.6085, 1.1252$ is the 20% darker color. If you saturate the color by 10%, you get $144.0670, -25.1760, 1.6952$, and if you desaturate by 10%, it is $148.6830, -12.6617, 1.1550$.

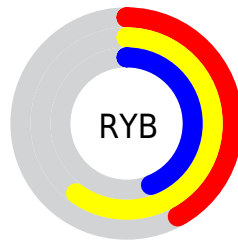
Distribution



Red (58%)

Green (60%)

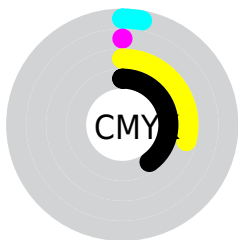
Blue (42%)



Red (42%)

Yellow (60%)

Blue (44%)

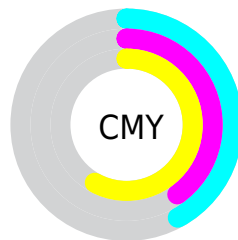


Cyan (3%)

Magenta (0%)

Yellow (29%)

Black (40%)



Cyan (42%)

Magenta (40%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.3750, -18.9189, 1.4251 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 146.3750, -18.9189, 1.4251 by changing the saturation by 10% instead.

■ 146.3750,
-18.9189, 1.4251

■ 146.3750,
-18.9189, 1.4251

■ 255.0000, 0.0000,
0.0000

■ 120.4890,
-18.4821, 1.3251

■ 200.4460,
-19.9399, 2.2399

■ 95.7170, -17.6085,
1.1252

■ 228.3320,
-20.3767, 2.3398

■ 71.5320, -17.0243,
0.4104

■ 250.4400,
-17.4719, 3.9991

■ 48.7600, -16.1507,
0.2105

■ 253.6320, -5.2416,
1.1997

■ 28.6290, -14.1141,
0.3254

■ 7.0440, -3.4727,
-6.1776

■ 0.0000, 0.0000,

0.0000

■ 146.3750,
-18.9189, 1.4251

■ 146.3750,
-18.9189, 1.4251

■ 144.0670,
-25.1760, 1.6952

■ 148.6830,
-12.6617, 1.1550

■ 141.9440,
-32.0174, 2.6801

■ 150.8060, -5.8204,
0.1701

■ 139.6360,
-38.2745, 2.9502

■ 153.1140, 0.4368,
-0.1000

■ 137.3280,
-44.5317, 3.2203

■ 155.4220, 6.6940,
-0.3701

■ 135.3190,
-50.9363, 4.1052

■ 157.5450, 13.5353,
-1.3550

■ 132.8970,
-57.6302, 4.4753

■ 159.8530, 19.7925,
-1.6251

■ 130.5890,
-63.8874, 4.7454

■ 162.1610, 26.0496,
-1.8952

■ 130.4750,
-64.3242, 4.8454

■ 164.4690, 32.3068,
-2.1653

■ 166.5920, 39.1481,
-3.1502

Harmonies

Analogous

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



148.9150, -21.1571, 19.3685



146.3750, -18.9189, 1.4251



143.4310, -10.5655, -17.9180

Triad

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



146.3750, -18.9189, 1.4251



140.5070, 20.9490, -46.0486



152.9530, 1.5022, 31.6132

Complementary

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



146.3750, -18.9189, 1.4251



114.6250, 18.9189, -1.4251

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.



152.6120, 12.0233, 17.0033



146.3750, -18.9189, 1.4251



145.6000, 23.3682, -28.5902

Square

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



146.3750, -18.9189, 1.4251



137.8350, 13.3923, -48.9673



150.7170, 19.3665, -5.0138



151.9400, -8.8444, 36.8866

Rectangle

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



146.3750, -18.9189, 1.4251



141.5910, -3.2494, -31.2133



150.7170, 19.3665, -5.0138



153.1420, 4.8600, 27.9395

Sweetspot

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



146.3750, -18.9189, 1.4251



196.3500, -7.5675, 0.5701



124.3900, -8.0803, 25.0910



97.5610, -4.2206, 0.3850



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



146.3750, -18.9189, 1.4251



188.6280, -29.3966, 2.0802



139.7970, -15.6759, -12.1000



75.7890, -3.3470, 0.1850



119.5550, -58.9406, 4.7753



10.9200, -5.3836, 0.0702

Inverse Universe

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



114.6250, 18.9189, -1.4251



139.3720, 29.3966, -2.0802



121.2030, 15.6759, 12.1000



70.2110, 3.3470, -0.1850



20.7440, 58.7932, -4.1605



1.7810, 5.5310, -0.6849

Previews

White Background



This preview shows how the YUV color 146.3750, -18.9189, 1.4251 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 146.3750, -18.9189, 1.4251 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 146.3750, -18.9189, 1.4251 Background



This preview shows how black text looks on a background with the YUV color 146.3750, -18.9189, 1.4251.



This preview shows how white text looks on a background with the YUV color 146.3750, -18.9189, 1.4251.

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

146.3750, -18.9189, 1.4251

Protanopia

147.6860, -20.5512, 11.6764

Deuteranopia

149.1050, -19.2788, 23.5869



Tritanopia

150.3470, 3.7729, 3.2037

Trichromacy



Original Color

146.3750, -18.9189, 1.4251

Protanomaly

146.8920, -19.6668, 7.9877

Deuteranomaly

148.3490, -19.3991, 15.4799

Tritanomaly

148.8710, -4.3734, 2.7441

Monochromacy



Original Color

146.3750, -18.9189, 1.4251

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

146.4640, -7.1308, 0.4701

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.3750, -18.9189, 1.4251 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(148, 153, 108)` looks like.

```
.text, #text, p{  
    color:rgb(148, 153, 108)  
}
```

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(148, 153, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 153, 108) }
```

Border

The CSS property to change the border of an element to YUV 146.3750, -18.9189, 1.4251 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(148, 153, 108) }
```


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

```
.border{ border-color:rgb(148, 153, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 153, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 153, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 153, 108);  
box-shadow:4px 4px 4px 4px rgb(148, 153,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 146.3750, -18.9189, 1.4251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 153, 108) }
```

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

```
.background{ background-color: rgb(148,  
153, 108) }
```

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