

Converting Colors

YUV(98.1540, -10.4289,
-15.0441)

Have a look what the booklet for
YUV(98.1540, -10.4289, -15.0441)
contains.

YUV(98.1540, -10.4289, -15.0441)	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(98.1540, -10.4289,
-15.0441)**

Conversions

Conversions Part 1

Format	Color
Hex	516F4D
RGB	81, 111, 77
RGB Percent	32%, 44%, 30%
CMY	0.6824, 0.5647, 0.6980
CMYK	0.27, 0.00, 0.31, 0.56
HSL	113°, 18%, 37%
HSV	113°, 31%, 44%
XYZ	10.4173, 13.6540, 9.1076
YIQ	98.1540, -6.9660, -16.9340

Conversions

Conversions Part 2

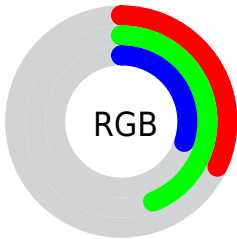
Format	Color
RYB	77, 111, 107
Decimal	5336909
CIELab	43.73, -18.19, 15.52
CIELCh	44, 23.909, 139.523
Yxy	13.6540, 0.3140, 0.4115
Android (android.graphics.Color)	4283526989 (0xFF516F4D)
YUV	98.1540, -10.4289, -15.0441
Hunter-Lab	36.9514, -14.3421, 11.2524

Details

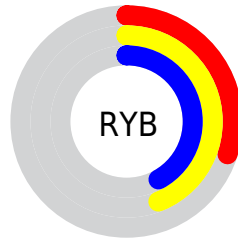
The YUV color **98.1540, -10.4289, -15.0441** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **89.8460, 10.4289, 15.0441**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.2140, -11.4445, -15.9737**, and **51.0940, -9.4133, -14.1144** is the 20% darker color. If you saturate the color by 10%, you get **93.9100, -13.7596, -20.0921**, and if you desaturate by 10%, it is **102.3980, -7.0982, -9.9960**.

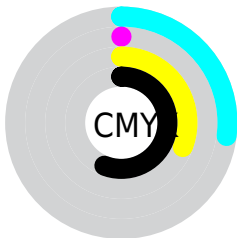
Distribution



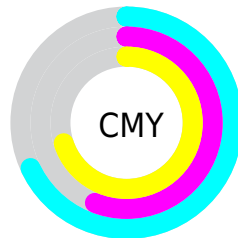
- Red (32%)
- Green (44%)
- Blue (30%)



- Red (30%)
- Yellow (44%)
- Blue (42%)



- Cyan (27%)
- Magenta (0%)
- Yellow (31%)
- Black (56%)



- Cyan (68%)
- Magenta (56%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.1540, -10.4289, -15.0441 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 98.1540, -10.4289, -15.0441 by changing the saturation by 10% instead.

■ 98.1540, -10.4289,
-15.0441

■ 98.1540, -10.4289,
-15.0441

255.0000, 0.0000,
0.0000

■ 73.6810, -9.7027,
-14.6292

■ 149.2140,
-11.4445, -15.9737

■ 51.0940, -9.4133,
-14.1144

■ 175.8010,
-11.7339, -16.4885

■ 29.0940, -9.4133,
-14.1144

■ 203.6870,
-12.1707, -16.3885

■ 12.3270, -6.0772,
-10.8108

■ 231.3880,
-12.0233, -17.0033

■ 0.0000, 0.0000,
0.0000

■ 248.5340, -6.6723,
-6.6073

■ 98.1540, -10.4289,
-15.0441

■ 98.1540, -10.4289,
-15.0441

■ 93.9100, -13.7596,
-20.0921

■ 102.3980, -7.0982,
-9.9960

■ 89.6660, -17.0903,
-25.1401

■ 106.6420, -3.7675,
-4.9480

■ 85.7210, -20.5685,
-29.5733

■ 110.5870, -0.2894,
-0.5148

■ 81.4770, -23.8992,
-34.6213

■ 114.8310, 3.0413,
4.5332

■ 77.2330, -27.2299,
-39.6693

■ 119.1890, 6.8088,
9.4812

■ 72.8750, -30.9974,
-44.6174

■ 123.4330, 10.1395,
14.5293

■ 69.0440, -34.0387,
-49.1506

■ 127.6770, 13.4702,
19.5773

■ 131.6220, 16.9484,

24.0105

■ 135.8660, 20.2791,
29.0585

Harmonies

Analogous

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



100.7280, -17.6139, 2.8695



98.1540, -10.4289, -15.0441



94.7910, 0.1030, -33.1427

Triad

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



98.1540, -10.4289, -15.0441



98.4320, 21.4790, -29.3199



105.3740, -7.0864, 32.9980

Complementary

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



98.1540, -10.4289, -15.0441



89.8460, 10.4289, 15.0441

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.



106.1590, 2.3866, 27.9246



98.1540, -10.4289, -15.0441



104.0650, 18.2090, -7.0730

Square

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



98.1540, -10.4289, -15.0441



91.9690, 20.2283, -48.2078



106.3620, 11.1605, 13.7145



103.9900, -14.7851, 28.9498

Rectangle

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



98.1540, -10.4289, -15.0441



91.6030, 8.5767, -44.3788



106.3620, 11.1605, 13.7145



105.2860, -3.5920, 32.1982

Sweetspot

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



98.1540, -10.4289, -15.0441



140.2290, -4.0569, -5.4628



104.1890, -13.4042, 5.9732



70.9950, -2.4625, -3.5036



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



98.1540, -10.4289, -15.0441



124.9050, -16.2222, -23.5957



98.3260, -4.5977, -18.7029



53.8210, -1.8838, -2.4740



74.6260, -36.7906, -53.1690



153.6600, -75.7544, -109.3268

Inverse Universe

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



89.8460, 10.4289, 15.0441



112.0950, 16.2222, 23.5957



89.6740, 4.5977, 18.7029



52.1790, 1.8838, 2.4740



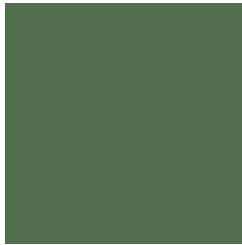
45.3740, 36.7906, 53.1690



93.3400, 75.7544, 109.3268

Previews

White Background



This preview shows how the YUV color 98.1540, -10.4289, -15.0441 looks on a white 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 × Fail

Black Background



This preview shows how the YUV color 98.1540, -10.4289, -15.0441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

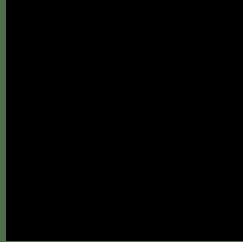
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.1540, -10.4289, -15.0441

Background



This preview shows how black text looks on a background with the YUV color 98.1540, -10.4289, -15.0441.



This preview shows how white text looks on a background with the YUV color 98.1540, -10.4289, -15.0441.

-15.0441.

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

98.1540, -10.4289, -15.0441

Protanopia

101.9720, -14.2832, 7.9176

Deuteranopia

103.4120, -11.5421, 15.4247



Tritanopia

101.6440, 6.5845, -11.9658

Trichromacy



Original Color

98.1540, -10.4289, -15.0441

Protanomaly

100.5580, -13.0931, -0.4894

Deuteranomaly

101.1610, -10.9254, 4.2438

Tritanomaly

100.3250, 0.3328, -13.4400

Monochromacy



Original Color

98.1540, -10.4289, -15.0441

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

98.2290, -4.0569, -5.4628

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.1540, -10.4289, -15.0441 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(81, 111, 77)` looks like.

```
.text, #text, p{  
    color:rgb(81, 111, 77)  
}
```

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(81, 111, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 111, 77) }
```

Border

The CSS property to change the border of an element to YUV 98.1540, -10.4289, -15.0441 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(81, 111, 77) }
```


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

```
.border{ border-color:rgb(81, 111, 77) }
```

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

Here you see how a box with a 4 pixel rgb(81, 111, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 111, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 111, 77);  
box-shadow:4px 4px 4px 4px rgb(81, 111,  
77) }
```

Background

The CSS property to change the background color of an element to YUV 98.1540, -10.4289, -15.0441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 111, 77) }
```

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

```
.background{ background-color: rgb(81, 111,  
77) }
```

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