

Converting Colors

YUV(77.0010, 11.8315,
-14.9099)

Have a look what the booklet for
YUV(77.0010, 11.8315, -14.9099)
contains.

YUV(77.0010, 11.8315, -14.9099)	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(77.0010, 11.8315,
-14.9099)**

Conversions

Conversions Part 1

Format	Color
Hex	3C5165
RGB	60, 81, 101
RGB Percent	24%, 32%, 40%
CMY	0.7647, 0.6824, 0.6039
CMYK	0.41, 0.20, 0.00, 0.60
HSL	209°, 25%, 32%
HSV	209°, 41%, 40%
XYZ	7.1549, 7.7851, 13.4375
YIQ	77.0010, -18.9360, 1.7680

Conversions

Conversions Part 2

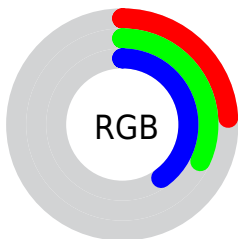
Format	Color
RYB	60, 74, 101
Decimal	3952997
CIELab	33.53, -2.38, -14.18
CIELCh	34, 14.374, 260.473
Yxy	7.7851, 0.2521, 0.2743
Android (android.graphics.Color)	4282143077 (0xFF3C5165)
YUV	77.0010, 11.8315, -14.9099
Hunter-Lab	27.9018, -3.0553, -9.0228

Details


The YUV color **77.0010, 11.8315, -14.9099** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **83.9990, -11.8315, 14.9099**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.2290, 12.7051, -15.1098**, and **31.7620, 10.9633, -16.4543** is the 20% darker color. If you saturate the color by 10%, you get **71.0760, 14.7525, -18.4837**, and if you desaturate by 10%, it is **82.9260, 8.9105, -11.3361**.

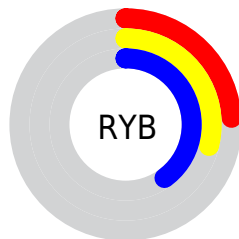
Distribution



 Red (24%)

 Green (32%)

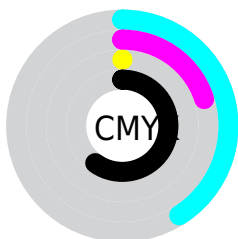
 Blue (40%)




 Red (24%)

 Yellow (29%)

 Blue (40%)

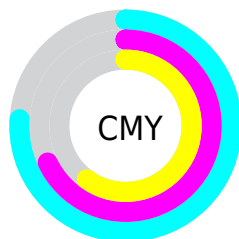



 Cyan (41%)

 Magenta (20%)

 Yellow (0%)

 Black (60%)



 Cyan (76%)

 Magenta (68%)

 Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.0010, 11.8315, -14.9099 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 77.0010, 11.8315, -14.9099 by changing the saturation by 10% instead.

■ 77.0010, 11.8315,
-14.9099

■ 77.0010, 11.8315,
-14.9099

■ 255.0000, 0.0000,
0.0000

■ 53.8870, 11.3947,
-14.8099

■ 126.2290, 12.7051,
-15.1098

■ 31.7620, 10.9633,
-16.4543

■ 152.3430, 13.1419,
-15.2098

■ 12.5670, 10.0735,
-11.0213

■ 179.0440, 13.2893,
-15.8246

■ 0.7980, 3.0576,
-0.6998

■ 207.0440, 13.2893,
-15.8246

■ 0.0000, 0.0000,
0.0000

■ 234.2460, 10.2317,
-15.1247

■ 252.0100, 1.4741,

-6.1478

■ 77.0010, 11.8315,
-14.9099

■ 77.0010, 11.8315,
-14.9099

■ 71.0760, 14.7525,
-18.4837

■ 82.9260, 8.9105,
-11.3361

■ 65.1510, 17.6736,
-22.0574

■ 88.8510, 5.9895,
-7.7623

■ 59.2260, 20.5946,
-25.6312

■ 94.7760, 3.0684,
-4.1886

■ 53.3010, 23.5156,
-29.2050

■ 100.7010, 0.1474,
-0.6148

■ 47.3760, 26.4366,
-32.7788

■ 106.9250, -2.9210,
3.5738

■ 42.0380, 29.0683,
-36.8673

■ 112.8500, -5.8420,
7.1476

■ 118.1880, -8.4737,
11.2361

■ 124.1130,
-11.3947, 14.8099

■ 130.0380,
-14.3157, 18.3837

Harmonies

Analogous

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



74.6040, 10.5482, -23.3317



77.0010, 11.8315, -14.9099



79.3230, 10.1938, -2.9143

Triad

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



77.0010, 11.8315, -14.9099



80.2690, -4.5696, 19.0581



75.7510, -5.7932, -8.5516

Complementary

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



77.0010, 11.8315, -14.9099



83.9990, -11.8315, 14.9099

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.



77.6660, -10.1883, 1.1699



77.0010, 11.8315, -14.9099



79.5200, -8.6374, 17.0840

Square

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



77.0010, 11.8315, -14.9099



80.7400, 1.1142, 16.0140



78.9060, -10.7997, 10.6064



74.5910, 0.2016, -18.0583

Rectangle

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



77.0010, 11.8315, -14.9099



80.6830, 7.5513, 4.6630



78.9060, -10.7997, 10.6064



76.6050, -7.6933, -5.7926

Sweetspot

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



77.0010, 11.8315, -14.9099



120.5200, 4.6736, -5.7180



86.3470, -3.1291, -23.1063



60.9610, 2.4842, -3.4738



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



77.0010, 11.8315, -14.9099



92.6670, 18.4052, -23.3870



65.2610, 17.6193, -4.6139



48.3310, 1.3158, -2.0443



47.7430, 33.1577, -41.8706



100.3760, 69.8206, -88.0298

Inverse Universe

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



74.6530, 3.1291, 23.1063



88.8980, 4.9803, 36.0465



95.7390, -17.6193, 4.6139



47.8370, 0.5734, 2.7740



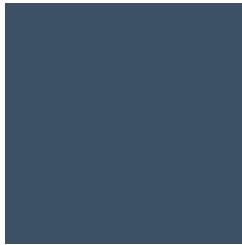
41.1110, 8.8193, 64.8007



86.4940, 18.4905, 136.3788

Previews

White Background



This preview shows how the YUV color 77.0010, 11.8315, -14.9099 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 ✓ Pass

Black Background



This preview shows how the YUV color 77.0010, 11.8315, -14.9099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

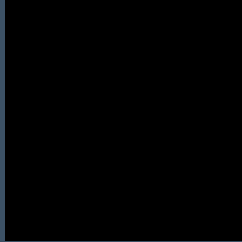
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

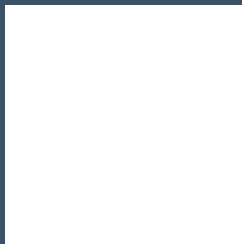
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 77.0010, 11.8315, -14.9099

Background



This preview shows how black text looks on a background with the YUV color 77.0010, 11.8315, -14.9099.



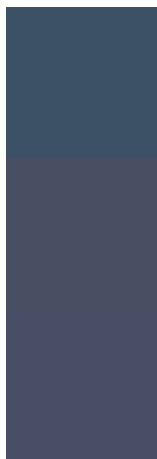
This preview shows how white text looks on a background with the YUV color 77.0010, 11.8315,

-14.9099.

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

77.0010, 11.8315, -14.9099

Protanopia

79.1980, 9.7624, -4.5586

Deuteranopia

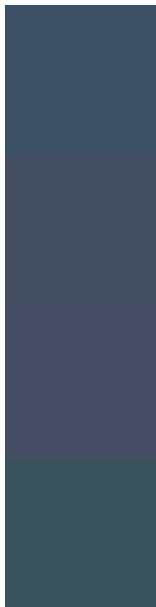
78.9530, 11.3622, -4.3438



Tritanopia

76.0240, 6.8902, -16.6840

Trichromacy



Original Color

77.0010, 11.8315, -14.9099

Protanomaly

78.4040, 10.6468, -8.2473

Deuteranomaly

78.0450, 11.8098, -7.9325

Tritanomaly

76.1920, 8.7793, -15.9544

Monochromacy



Original Color

77.0010, 11.8315, -14.9099

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.8190, 4.5262, -5.1033

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.0010, 11.8315, -14.9099 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(60, 81, 101)` looks like.

```
.text, #text, p{  
    color:rgb(60, 81, 101)  
}
```

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(60, 81, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 81, 101) }
```

Border

The CSS property to change the border of an element to YUV 77.0010, 11.8315, -14.9099 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(60, 81, 101) }
```


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

```
.border{ border-color:rgb(60, 81, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 81, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 81, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 81, 101);  
box-shadow:4px 4px 4px 4px rgb(60, 81,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 77.0010, 11.8315, -14.9099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 81, 101) }
```

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

```
.background{ background-color: rgb(60, 81,  
101) }
```

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