

Converting Colors

YUV(75.0010, 11.8315,
-14.9099)

Have a look what the booklet for
YUV(75.0010, 11.8315, -14.9099)
contains.

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Color

**YUV(75.0010, 11.8315,
-14.9099)**

Conversions

Conversions Part 1

Format	Color
Hex	3A4F63
RGB	58, 79, 99
RGB Percent	23%, 31%, 39%
CMY	0.7725, 0.6902, 0.6118
CMYK	0.41, 0.20, 0.00, 0.61
HSL	209°, 26%, 31%
HSV	209°, 41%, 39%
XYZ	6.7930, 7.3924, 12.8732
YIQ	75.0010, -18.9360, 1.7680

Conversions

Conversions Part 2

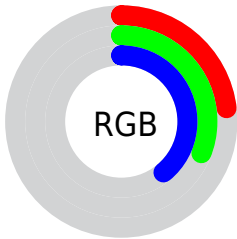
Format	Color
R_{YB}	58, 72, 99
Decimal	3821411
CIE Lab	32.68, -2.35, -14.22
CIE LCh	33, 14.416, 260.628
Yxy	7.3924, 0.2510, 0.2732
Android (android.graphics.Color)	4282011491 (0xFF3A4F63)
YUV	75.0010, 11.8315, -14.9099
Hunter-Lab	27.1889, -2.9830, -9.0400

Details

The YUV color **75.0010, 11.8315, -14.9099** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **81.9990, -11.8315, 14.9099**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.2290, 12.7051, -15.1098**, and **29.7620, 10.9633, -16.4543** is the 20% darker color. If you saturate the color by 10%, you get **69.0760, 14.7525, -18.4837**, and if you desaturate by 10%, it is **80.9260, 8.9105, -11.3361**.

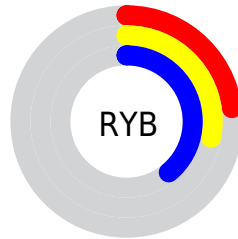
Distribution



Red (23%)

Green (31%)

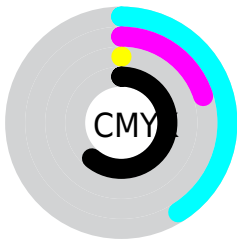
Blue (39%)



Red (23%)

Yellow (28%)

Blue (39%)

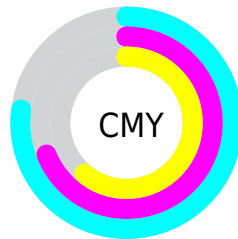


Cyan (41%)

Magenta (20%)

Yellow (0%)

Black (61%)



Cyan (77%)

Magenta (69%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.0010, 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 75.0010, 11.8315, -14.9099 by changing the saturation by 10% instead.

■ 75.0010, 11.8315,
-14.9099

■ 75.0010, 11.8315,
-14.9099

■ 255.0000, 0.0000,
0.0000

■ 51.8870, 11.3947,
-14.8099

■ 124.2290, 12.7051,
-15.1098

■ 29.7620, 10.9633,
-16.4543

■ 150.3430, 13.1419,
-15.2098

■ 11.1650, 9.7787,
-9.7917

■ 177.0440, 13.2893,
-15.8246

■ 0.4560, 1.7472,
-0.3999

■ 204.1580, 13.7261,
-15.9246

■ 0.0000, 0.0000,
0.0000

■ 232.1750, 11.2527,
-15.9395

■ 251.4120, 1.7689,

-7.3773

■ 75.0010, 11.8315,
-14.9099

■ 75.0010, 11.8315,
-14.9099

■ 69.0760, 14.7525,
-18.4837

■ 80.9260, 8.9105,
-11.3361

■ 63.1510, 17.6736,
-22.0574

■ 86.8510, 5.9895,
-7.7623

■ 57.8130, 20.3052,
-26.1460

■ 92.1890, 3.3578,
-3.6738

■ 51.8880, 23.2262,
-29.7198

■ 98.1140, 0.4368,
-0.1000

■ 46.2620, 25.9998,
-32.6788

■ 104.0390, -2.4842,
3.4738

■ 41.2230, 28.4841,
-36.1526

■ 109.6650, -5.2578,
6.4328

■ 115.5900, -8.1789,
10.0066

■ 121.5150,
-11.0999, 13.5803

■ 126.8530,
-13.7315, 17.6689

Harmonies

Analogous

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



72.6040, 10.5482, -23.3317



75.0010, 11.8315, -14.9099



77.3230, 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.



75.0010, 11.8315, -14.9099



78.2690, -4.5696, 19.0581



73.7510, -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.



75.0010, 11.8315, -14.9099



81.9990, -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.



75.6660, -10.1883, 1.1699



75.0010, 11.8315, -14.9099



77.5200, -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.



75.0010, 11.8315, -14.9099



78.7400, 1.1142, 16.0140



76.9060, -10.7997, 10.6064



72.5910, 0.2016, -18.0583

Rectangle

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



75.0010, 11.8315, -14.9099



78.6830, 7.5513, 4.6630



76.9060, -10.7997, 10.6064



74.6050, -7.6933, -5.7926

Sweetspot

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



75.0010, 11.8315, -14.9099



118.5200, 4.6736, -5.7180



84.3470, -3.1291, -23.1063



58.3740, 2.7736, -2.9590



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



75.0010, 11.8315, -14.9099



90.0800, 18.6946, -22.8722



63.2610, 17.6193, -4.6139



45.6300, 1.1684, -1.4295



46.2270, 32.4261, -40.5411



99.5610, 69.2364, -87.3150

Inverse Universe

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



72.6530, 3.1291, 23.1063



86.7840, 4.5435, 36.1464



93.7390, -17.6193, 4.6139



45.4240, 0.2840, 2.2592



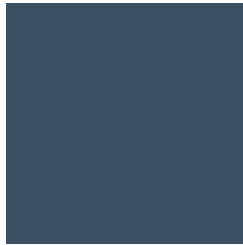
39.9860, 8.3879, 63.1563



85.7820, 18.3485, 135.2492

Previews

White Background



This preview shows how the YUV color 75.0010, 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 75.0010, 11.8315, -14.9099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

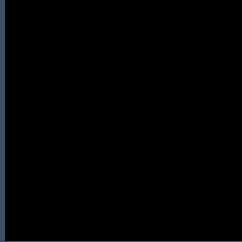
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

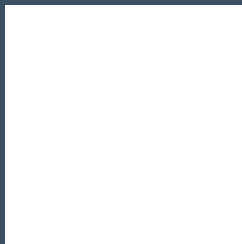
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 75.0010, 11.8315, -14.9099

Background



This preview shows how black text looks on a background with the YUV color 75.0010, 11.8315, -14.9099.



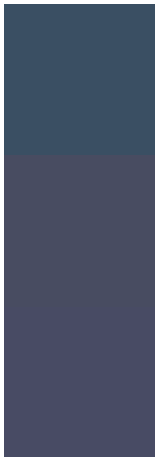
This preview shows how white text looks on a background with the YUV color 75.0010, 11.8315,

-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

75.0010, 11.8315, -14.9099

Protanopia

77.1980, 9.7624, -4.5586

Deuteranopia

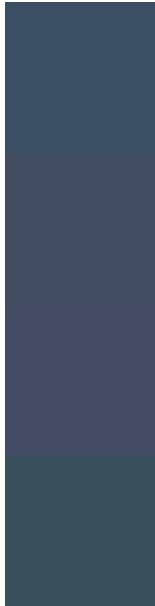
76.9530, 11.3622, -4.3438



Tritanopia

74.0240, 6.8902, -16.6840

Trichromacy



Original Color

75.0010, 11.8315, -14.9099

Protanomaly

76.4040, 10.6468, -8.2473

Deuteranomaly

76.0450, 11.8098, -7.9325

Tritanomaly

74.1920, 8.7793, -15.9544

Monochromacy



Original Color

75.0010, 11.8315, -14.9099

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

74.8190, 4.5262, -5.1033

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.0010, 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(58, 79, 99)` looks like.

```
.text, #text, p{  
    color:rgb(58, 79, 99)  
}
```

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(58, 79, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 79, 99) }
```

Border

The CSS property to change the border of an element to YUV 75.0010, 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(58, 79, 99) }
```


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

```
.border{ border-color:rgb(58, 79, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 79, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 79, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 79, 99);  
box-shadow:4px 4px 4px 4px rgb(58, 79, 99)  
}
```

Background

The CSS property to change the background color of an element to YUV 75.0010, 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(58, 79, 99) }
```

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

```
.background{ background-color: rgb(58, 79,  
99) }
```

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](#).

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