

Converting Colors

YUV(74.5660, 31.7660,
-15.4054)

Have a look what the booklet for
YUV(74.5660, 31.7660, -15.4054)
contains.

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Color

**YUV(74.5660, 31.7660,
-15.4054)**

Conversions

Conversions Part 1

Format	Color
Hex	39478B
RGB	57, 71, 139
RGB Percent	22%, 28%, 55%
CMY	0.7765, 0.7216, 0.4549
CMYK	0.59, 0.49, 0.00, 0.45
HSL	230°, 42%, 38%
HSV	230°, 59%, 55%
XYZ	8.6008, 7.2404, 25.3703
YIQ	74.5660, -30.1720, 18.1800

Conversions

Conversions Part 2

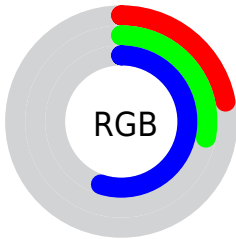
Format	Color
RYB	57, 69, 139
Decimal	3753867
CIELab	32.35, 16.08, -39.71
CIELCh	32, 42.843, 292.043
Yxy	7.2404, 0.2087, 0.1757
Android (android.graphics.Color)	4281943947 (0xFF39478B)
YUV	74.5660, 31.7660, -15.4054
Hunter-Lab	26.9080, 9.9661, -37.0662

Details

The YUV color **74.5660, 31.7660, -15.4054** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **121.4340, -31.7660, 15.4054**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.0440, 33.5023, -12.3166**, and **26.4680, 30.3353, -23.2124** is the 20% darker color. If you saturate the color by 10%, you get **63.3360, 37.3024, -17.8347**, and if you desaturate by 10%, it is **85.7960, 26.2296, -12.9761**.

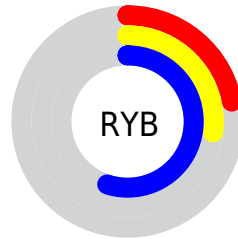
Distribution



Red (22%)

Green (28%)

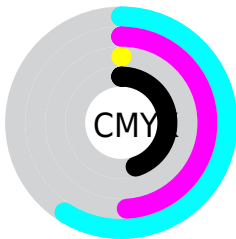
Blue (55%)



Red (22%)

Yellow (27%)

Blue (55%)

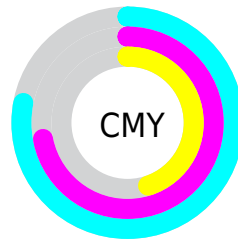


Cyan (59%)

Magenta (49%)

Yellow (0%)

Black (45%)



Cyan (78%)

Magenta (72%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.5660, 31.7660, -15.4054 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 74.5660, 31.7660, -15.4054 by changing the saturation by 10% instead.

■ 74.5660, 31.7660,
-15.4054

■ 74.5660, 31.7660,
-15.4054

■ 255.0000, 0.0000,
0.0000

■ 49.7180, 31.1980,
-19.9237

■ 125.0440, 33.5023,
-12.3166

■ 26.4680, 30.3353,
-23.2124

■ 151.5710, 34.2285,
-11.9018

■ 8.5840, 27.8131,
-7.5282

■ 178.5110, 35.2441,
-10.9721

■ 6.5490, 17.4773,
-5.7435

■ 203.3020, 25.4871,
-8.1579

■ 2.8670, 8.4466,
-2.5144

■ 228.4090, 13.1094,
-4.7437

■ 0.0000, 0.0000,
0.0000

■ 254.1030, 0.4422,

-1.8443

■ 74.5660, 31.7660,
-15.4054

■ 74.5660, 31.7660,
-15.4054

■ 63.3360, 37.3024,
-17.8347

■ 85.7960, 26.2296,
-12.9761

■ 52.6930, 42.5494,
-20.7788

■ 96.4390, 20.9826,
-10.0320

■ 41.4630, 48.0857,
-23.2081

■ 107.6690, 15.4462,
-7.6027

■ 30.8200, 53.3327,
-26.1521

■ 118.3120, 10.1992,
-4.6586

■ 29.9340, 53.7695,
-26.2521

■ 129.2430, 4.8102,
-2.8441

■ 139.8860, -0.4368,
0.1000

■ 151.1160, -5.9732,
2.5293

■ 161.7590,
-11.2202, 5.4734

■ 172.9890,
-16.7566, 7.9026

Harmonies

Analogous

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



65.0230, 38.4427, -57.0252



74.5660, 31.7660, -15.4054



78.0290, 19.7057, 26.2846

Triad

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



74.5660, 31.7660, -15.4054



72.7440, -25.0168, 44.0745



60.9410, 2.4941, -53.4453

Complementary

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



74.5660, 31.7660, -15.4054



121.4340, -31.7660, 15.4054

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.



61.5830, -14.5844, -35.5913



74.5660, 31.7660, -15.4054



71.5770, -35.2875, 24.9270

Square

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



74.5660, 31.7660, -15.4054



72.5340, -9.6303, 55.6597



68.5800, -33.3169, -0.5087



65.4040, 17.0558, -57.3593

Rectangle

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



74.5660, 31.7660, -15.4054



75.8480, 10.9209, 43.9833



68.5800, -33.3169, -0.5087



58.9860, -2.4581, -51.7307

Sweetspot

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



74.5660, 31.7660, -15.4054



155.2840, 12.6780, -6.3881



112.7720, 5.5354, -48.9120



76.0410, 7.8678, -3.5440



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



74.5660, 31.7660, -15.4054



79.9190, 49.8329, -23.6080



74.1220, 31.9849, 7.7860



63.3850, 2.7682, -1.2146



28.6630, 51.4381, -25.1375



1.1570, 1.8946, -1.0147

Inverse Universe

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



83.1140, -5.9722, 49.0120



93.6660, -9.6953, 76.5919



121.8780, -31.9849, -7.7860



64.2070, -0.5951, 4.2035



42.3890, -9.5588, 79.4658



1.6090, -0.3002, 2.9739

Previews

White Background



This preview shows how the YUV color 74.5660, 31.7660, -15.4054 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 74.5660, 31.7660, -15.4054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

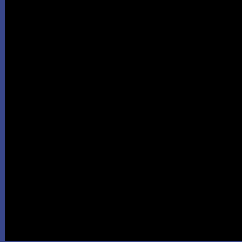
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.5660, 31.7660, -15.4054

Background



This preview shows how black text looks on a background with the YUV color 74.5660, 31.7660, -15.4054.



This preview shows how white text looks on a background with the YUV color 74.5660, 31.7660,

-15.4054.

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

74.5660, 31.7660, -15.4054

Protanopia

71.5860, 34.7141, -27.7009

Deuteranopia

60.8170, 37.5582, -53.3365



Tritanopia

69.6310, 9.5489, -29.4944

Trichromacy



Original Color

74.5660, 31.7660, -15.4054

Protanomaly

72.6790, 33.6823, -23.3975

Deuteranomaly

66.0360, 35.4783, -39.4966

Tritanomaly

71.7270, 17.3896, -24.3166

Monochromacy



Original Color

74.5660, 31.7660, -15.4054

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

74.9420, 11.3676, -6.0881

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.5660, 31.7660, -15.4054 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(57, 71, 139)` looks like.

```
.text, #text, p{  
    color:rgb(57, 71, 139)  
}
```

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(57, 71, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 71, 139) }
```

Border

The CSS property to change the border of an element to YUV 74.5660, 31.7660, -15.4054 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(57, 71, 139) }
```


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

```
.border{ border-color:rgb(57, 71, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 71, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 71, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 71, 139);  
box-shadow:4px 4px 4px 4px rgb(57, 71,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 74.5660, 31.7660, -15.4054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 71, 139) }
```

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

```
.background{ background-color: rgb(57, 71,  
139) }
```

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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