

Converting Colors

YUV(68.3530, -2.1460, -11.7106)

Have a look what the booklet for
YUV(68.3530, -2.1460, -11.7106)
contains.

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Color

**YUV(68.3530, -2.1460,
-11.7106)**

Conversions

Conversions Part 1

Format	Color
Hex	374C40
RGB	55, 76, 64
RGB Percent	22%, 30%, 25%
CMY	0.7843, 0.7020, 0.7490
CMYK	0.28, 0.00, 0.16, 0.70
HSL	146°, 16%, 26%
HSV	146°, 28%, 30%
XYZ	5.0854, 6.3513, 5.8084
YIQ	68.3530, -8.6640, -8.1840

Conversions

Conversions Part 2

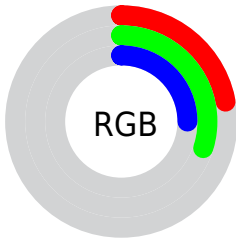
Format	Color
RYB	55, 70, 76
Decimal	3624000
CIELab	30.28, -11.08, 4.51
CIELCh	30, 11.965, 157.866
Yxy	6.3513, 0.2949, 0.3683
Android (android.graphics.Color)	4281814080 (0xFF374C40)
YUV	68.3530, -2.1460, -11.7106
Hunter-Lab	25.2017, -8.0839, 3.9763

Details

The YUV color **68.3530, -2.1460, -11.7106** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **62.6470, 2.1460, 11.7106**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.6410, -2.2880, -12.8402**, and **24.8800, -1.4198, -11.2958** is the 20% darker color. If you saturate the color by 10%, you get **65.5050, -2.7140, -16.2289**, and if you desaturate by 10%, it is **71.2010, -1.5781, -7.1923**.

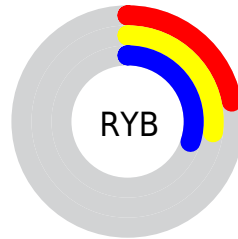
Distribution



Red (22%)

Green (30%)

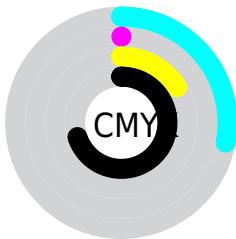
Blue (25%)



Red (22%)

Yellow (27%)

Blue (30%)

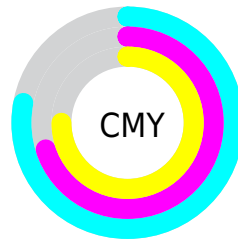


Cyan (28%)

Magenta (0%)

Yellow (16%)

Black (70%)



Cyan (78%)

Magenta (70%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.3530, -2.1460, -11.7106 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 68.3530, -2.1460, -11.7106 by changing the saturation by 10% instead.

■ 68.3530, -2.1460,
-11.7106

■ 68.3530, -2.1460,
-11.7106

■ 255.0000, 0.0000,
0.0000

■ 45.7660, -1.8566,
-11.1958

■ 116.6410, -2.2880,
-12.8402

■ 24.8800, -1.4198,
-11.2958

■ 142.5270, -2.7248,
-12.7402

■ 1.1740, -0.5788,
-1.0296

■ 169.1140, -3.0142,
-13.2550

■ 0.0000, 0.0000,
0.0000

■ 195.8150, -2.8668,
-13.8698

■ 223.8150, -2.8668,
-13.8698

■ 248.4070, -0.6937,

-10.8809

■ 68.3530, -2.1460,
-11.7106

■ 68.3530, -2.1460,
-11.7106

■ 65.5050, -2.7140,
-16.2289

■ 71.2010, -1.5781,
-7.1923

■ 62.8420, -3.8661,
-20.0324

■ 73.8640, -0.4260,
-3.3887

■ 59.9940, -4.4340,
-24.5507

■ 76.7120, 0.1420,
1.1296

■ 57.4450, -5.1494,
-28.4543

■ 79.2610, 0.8573,
5.0331

■ 54.4830, -6.1541,
-32.8726

■ 82.2230, 1.8621,
9.4514

■ 51.6350, -6.7221,
-37.3909

■ 85.0710, 2.4300,
13.9697

■ 49.0860, -7.4374,
-41.2944

■ 87.6200, 3.1453,
17.8733

■ 48.3740, -7.5794,
-42.4240

■ 90.5820, 4.1501,
22.2916

■ 93.1310, 4.8654,
26.1951

Harmonies

Analogous

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



69.2570, -6.5357, -3.7334



68.3530, -2.1460, -11.7106



67.5740, 2.6750, -18.0434

Triad

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



68.3530, -2.1460, -11.7106



71.0730, 9.3310, -6.2030



72.4920, -6.1586, 15.3545

Complementary

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



68.3530, -2.1460, -11.7106



62.6470, 2.1460, 11.7106

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.



72.9310, -1.9380, 14.9695



68.3530, -2.1460, -11.7106



72.4440, 6.6831, 3.1186

Square

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



68.3530, -2.1460, -11.7106



69.0180, 9.3581, -14.9248



73.1630, 2.8776, 10.3810



71.1880, -8.4737, 11.2361

Rectangle

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



68.3530, -2.1460, -11.7106



67.1870, 6.3168, -19.4580



73.1630, 2.8776, 10.3810



72.2470, -4.5588, 15.5694

Sweetspot

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



68.3530, -2.1460, -11.7106



96.1520, -0.5679, -4.5183



70.9150, -7.8461, -3.4335



49.1630, -0.5734, -2.7740



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



68.3530, -2.1460, -11.7106



87.3800, -3.1453, -17.8733



69.4930, 2.2220, -12.7104



36.5760, -0.2840, -2.2592



64.8900, -10.2988, -56.9085



146.1820, -23.7537, -128.2016

Inverse Universe

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



62.6470, 2.1460, 11.7106



78.6200, 3.1453, 17.8733



61.5070, -2.2220, 12.7104



35.5380, 0.7208, 2.1592



37.1100, 10.2988, 56.9085



83.7040, 23.3169, 128.3016

Previews

White Background



This preview shows how the YUV color 68.3530, -2.1460, -11.7106 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 68.3530, -2.1460, -11.7106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

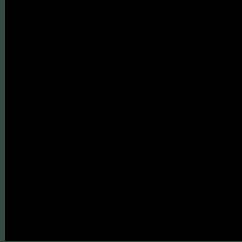
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.3530, -2.1460, -11.7106

Background



This preview shows how black text looks on a background with the YUV color 68.3530, -2.1460, -11.7106.



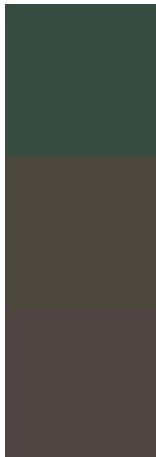
This preview shows how white text looks on a background with the YUV color 68.3530, -2.1460, -11.7106.

-11.7106.

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

68.3530, -2.1460, -11.7106

Protanopia

71.0560, -4.9576, 3.4589

Deuteranopia

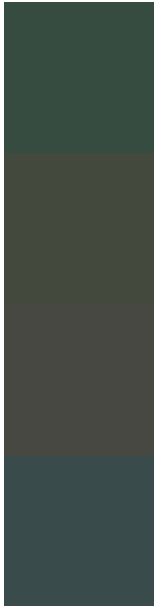
71.9470, -2.9319, 7.0625



Tritanopia

69.9000, 4.9793, -10.4363

Trichromacy



Original Color

68.3530, -2.1460, -11.7106

Protanomaly

70.2510, -4.0677, -1.9741

Deuteranomaly

70.9030, -2.9102, 0.0851

Tritanomaly

69.5040, 2.2165, -10.9660

Monochromacy



Original Color

68.3530, -2.1460, -11.7106

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

68.1520, -0.5679, -4.5183

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.3530, -2.1460, -11.7106 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(55, 76, 64)` looks like.

```
.text, #text, p{  
    color:rgb(55, 76, 64)  
}
```

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(55, 76, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 76, 64) }
```

Border

The CSS property to change the border of an element to YUV 68.3530, -2.1460, -11.7106 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(55, 76, 64) }
```


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

```
.border{ border-color:rgb(55, 76, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 76, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 76, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 76, 64);  
box-shadow:4px 4px 4px 4px rgb(55, 76, 64)  
}
```

Background

The CSS property to change the background color of an element to YUV 68.3530, -2.1460, -11.7106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 76, 64) }
```

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

```
.background{ background-color: rgb(55, 76,  
64) }
```

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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