

Converting Colors

YUV(86.3530, -2.1460, -11.7106)

Have a look what the booklet for
YUV(86.3530, -2.1460, -11.7106)
contains.

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Color

**YUV(86.3530, -2.1460,
-11.7106)**

Conversions

Conversions Part 1

Format	Color
Hex	495E52
RGB	73, 94, 82
RGB Percent	29%, 37%, 32%
CMY	0.7137, 0.6314, 0.6784
CMYK	0.22, 0.00, 0.13, 0.63
HSL	146°, 13%, 33%
HSV	146°, 22%, 37%
XYZ	8.2733, 10.0311, 9.4828
YIQ	86.3530, -8.6640, -8.1840

Conversions

Conversions Part 2

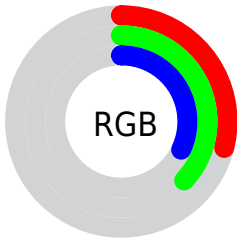
Format	Color
R_{YB}	73, 88, 94
Decimal	4808274
CIE _{Lab}	37.90, -10.73, 4.28
CIE _{LCh}	38, 11.550, 158.272
Yxy	10.0311, 0.2977, 0.3610
Android (android.graphics.Color)	4282998354 (0xFF495E52)
YUV	86.3530, -2.1460, -11.7106
Hunter-Lab	31.6719, -8.7979, 4.4185

Details

The YUV color **86.3530, -2.1460, -11.7106** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **80.6470, 2.1460, 11.7106**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.9400, -2.4354, -12.2254**, and **41.0650, -2.0040, -10.5810** is the 20% darker color. If you saturate the color by 10%, you get **83.0920, -3.0034, -16.7437**, and if you desaturate by 10%, it is **89.6140, -1.2887, -6.6775**.

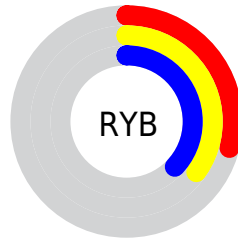
Distribution



Red (29%)

Green (37%)

Blue (32%)



Red (29%)

Yellow (35%)

Blue (37%)

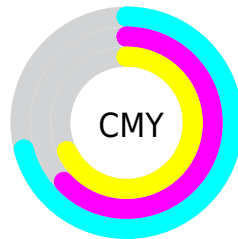


Cyan (22%)

Magenta (0%)

Yellow (13%)

Black (63%)



Cyan (71%)

Magenta (63%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.3530, -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 86.3530, -2.1460, -11.7106 by changing the saturation by 10% instead.

■ 86.3530, -2.1460,
-11.7106

■ 86.3530, -2.1460,
-11.7106

■ 255.0000, 0.0000,
0.0000

■ 62.7660, -1.8566,
-11.1958

■ 135.9400, -2.4354,
-12.2254

■ 41.0650, -2.0040,
-10.5810

■ 162.5270, -2.7248,
-12.7402

■ 19.5810, -1.2724,
-11.9105

■ 189.5270, -2.7248,
-12.7402

■ 0.0000, 0.0000,
0.0000

■ 217.2280, -2.5774,
-13.3550

■ 245.8150, -2.8668,
-13.8698

■ 86.3530, -2.1460,
-11.7106

■ 86.3530, -2.1460,
-11.7106

■ 83.0920, -3.0034,
-16.7437

■ 89.6140, -1.2887,
-6.6775

■ 79.4180, -4.1501,
-22.2916

■ 93.2880, -0.1420,
-1.1296

■ 76.1570, -5.0074,
-27.3247

■ 96.5490, 0.7153,
3.9035

■ 72.5970, -5.7173,
-32.9726

■ 100.1090, 1.4253,
9.5514

■ 69.2220, -7.0114,
-37.9057

■ 103.4840, 2.7194,
14.4845

■ 65.9610, -7.8688,
-42.9388

■ 106.7450, 3.5767,
19.5176

■ 62.2870, -9.0155,
-48.4867

■ 110.4190, 4.7234,
25.0655

■ 59.7380, -9.7308,

■ 113.6800, 5.5808,

-52.3902

30.0986

■ 117.2400, 6.2907,
35.7465

Harmonies

Analogous

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



87.2570, -6.5357, -3.7334



86.3530, -2.1460, -11.7106



85.9870, 2.9644, -17.5286

Triad

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



86.3530, -2.1460, -11.7106



88.9590, 8.8942, -6.1030



90.4920, -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.



86.3530, -2.1460, -11.7106



80.6470, 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.



90.9310, -1.9380, 14.9695



86.3530, -2.1460, -11.7106



90.4440, 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.



86.3530, -2.1460, -11.7106



87.3170, 9.2107, -14.3100



91.3480, 2.2934, 11.0958



89.4870, -8.6211, 11.8509

Rectangle

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



86.3530, -2.1460, -11.7106



85.4860, 6.1694, -18.8432



91.3480, 2.2934, 11.0958



90.5460, -4.7062, 16.1842

Sweetspot

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



86.3530, -2.1460, -11.7106



119.1520, -0.5679, -4.5183



88.9150, -7.8461, -3.4335



59.1630, -0.5734, -2.7740



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



86.3530, -2.1460, -11.7106



110.0810, -2.9979, -18.4880



87.4930, 2.2220, -12.7104



44.1630, -0.5734, -2.7740



69.9280, -11.3035, -61.3269



150.7470, -24.0323, -132.2051

Inverse Universe

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



80.6470, 2.1460, 11.7106



101.0330, 3.4347, 18.3881



79.5070, -2.2220, 12.7104



42.8370, 0.5734, 2.7740



40.0720, 11.3035, 61.3269



86.3670, 24.4691, 132.1051

Previews

White Background



This preview shows how the YUV color 86.3530, -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 × Fail

Black Background



This preview shows how the YUV color 86.3530, -2.1460, -11.7106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

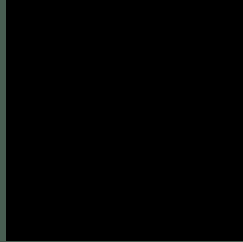
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.3530, -2.1460, -11.7106

Background



This preview shows how black text looks on a background with the YUV color 86.3530, -2.1460, -11.7106.



This preview shows how white text looks on a background with the YUV color 86.3530, -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

86.3530, -2.1460, -11.7106

Protanopia

89.0560, -4.9576, 3.4589

Deuteranopia

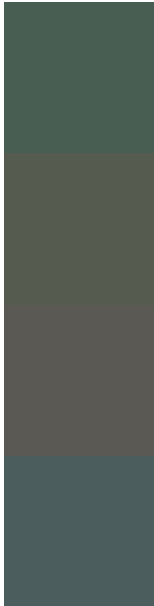
89.9580, -2.9373, 8.8068



Tritanopia

88.0140, 5.4161, -10.5363

Trichromacy



Original Color

86.3530, -2.1460, -11.7106

Protanomaly

88.2510, -4.0677, -1.9741

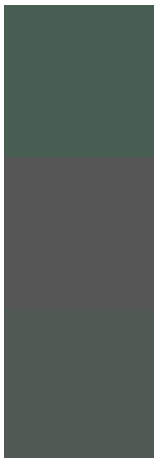
Deuteranomaly

88.6150, -2.7682, 1.2146

Tritanomaly

87.6180, 2.6533, -11.0660

Monochromacy



Original Color

86.3530, -2.1460, -11.7106

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.1520, -0.5679, -4.5183

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.3530, -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(73, 94, 82)` looks like.

```
.text, #text, p{  
    color:rgb(73, 94, 82)  
}
```

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(73, 94, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 94, 82) }
```

Border

The CSS property to change the border of an element to YUV 86.3530, -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(73, 94, 82) }
```


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

```
.border{ border-color:rgb(73, 94, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 94, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 94, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 94, 82);  
box-shadow:4px 4px 4px 4px rgb(73, 94, 82)  
}
```

Background

The CSS property to change the background color of an element to YUV 86.3530, -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(73, 94, 82) }
```

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

```
.background{ background-color: rgb(73, 94,  
82) }
```

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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