

Converting Colors

YUV(80.8850, 14.3537,
-30.5941)

Have a look what the booklet for
YUV(80.8850, 14.3537, -30.5941)
contains.

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Color

**YUV(80.8850, 14.3537,
-30.5941)**

Conversions

Conversions Part 1

Format	Color
Hex	2E5D6E
RGB	46, 93, 110
RGB Percent	18%, 36%, 43%
CMY	0.8196, 0.6353, 0.5686
CMYK	0.58, 0.15, 0.00, 0.57
HSL	196°, 41%, 31%
HSV	196°, 58%, 43%
XYZ	7.8555, 9.5353, 16.1783
YIQ	80.8850, -33.4690, -4.6770

Conversions

Conversions Part 2

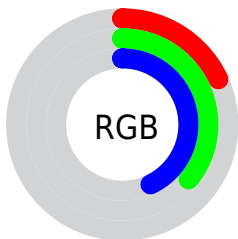
Format	Color
R_{YB}	46, 73, 110
Decimal	3038574
CIE Lab	37.00, -10.63, -14.56
CIE LCh	37, 18.028, 233.861
Yxy	9.5353, 0.2340, 0.2841
Android (android.graphics.Color)	4281228654 (0xFF2E5D6E)
YUV	80.8850, 14.3537, -30.5941
Hunter-Lab	30.8793, -8.6294, -9.4477




Details

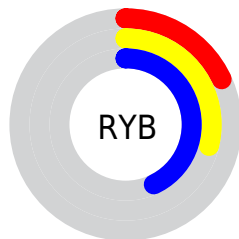
The YUV color **80.8850, 14.3537, -30.5941** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **75.1150, -14.3537, 30.5941**, and the grayscale version is **81.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **131.7110, 14.9325, -29.5645**, and **34.6570, 13.4801, -30.3942** is the 20% darker color. If you saturate the color by 10%, you get **75.8350, 16.8433, -35.8123**, and if you desaturate by 10%, it is **85.9350, 11.8640, -25.3760**.

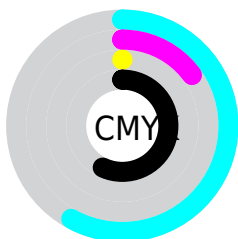
Distribution







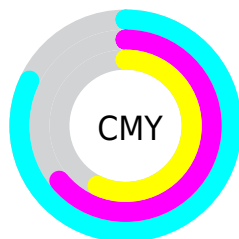
-  Red (18%)
-  Green (36%)
-  Blue (43%)






-  Red (18%)
-  Yellow (29%)
-  Blue (43%)



-  Cyan (58%)
-  Magenta (15%)
-  Yellow (0%)
-  Black (57%)



-  Cyan (82%)
-  Magenta (64%)
-  Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.8850, 14.3537, -30.5941 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 80.8850, 14.3537, -30.5941 by changing the saturation by 10% instead.

80.8850, 14.3537,
-30.5941

80.8850, 14.3537,
-30.5941

255.0000, 0.0000,
0.0000

55.3900, 15.0907,
-33.6680

131.7110, 14.9325,
-29.5645

34.6570, 13.4801,
-30.3942

158.4120, 15.0799,
-30.1793

20.4090, 9.6584,
-17.8987

185.4120, 15.0799,
-30.1793

2.8670, 8.4466,
-2.5144

213.2270, 15.6641,
-30.8941

0.0000, 0.0000,
0.0000

240.0610, 7.3649,
-28.9945

249.0200, 2.9481,

-12.2955

■ 80.8850, 14.3537,
-30.5941

■ 80.8850, 14.3537,
-30.5941

■ 75.8350, 16.8433,
-35.8123

■ 85.9350, 11.8640,
-25.3760

■ 70.7850, 19.3330,
-41.0304

■ 90.9850, 9.3744,
-20.1578

■ 65.7350, 21.8226,
-46.2486

■ 96.0350, 6.8847,
-14.9397

■ 60.6850, 24.3123,
-51.4667

■ 101.0850, 4.3951,
-9.7215

■ 60.0870, 24.6071,
-52.6963

■ 106.1350, 1.9054,
-4.5034

■ 111.1850, -0.5842,
0.7148

■ 115.6480, -2.7845,
6.4477

■ 120.6980, -5.2741,
11.6659

■ 125.7480, -7.7638,
16.8840

Harmonies

Analogous

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



79.4950, 9.1230, -32.8831



80.8850, 14.3537, -30.5941



84.6030, 15.4787, -18.0688

Triad

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



80.8850, 14.3537, -30.5941



89.6590, 0.6611, 21.3471



85.0850, -12.3669, -0.0745

Complementary

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



80.8850, 14.3537, -30.5941



75.1150, -14.3537, 30.5941

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.



86.4070, -14.0047, 11.9211



80.8850, 14.3537, -30.5941



88.5470, -6.1857, 24.0763

Square

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



80.8850, 14.3537, -30.5941



89.0260, 7.3822, 12.2552



87.4450, -11.5584, 20.6577



83.2020, -6.5086, -12.4552

Rectangle

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



80.8850, 14.3537, -30.5941



86.9140, 13.8464, -7.8176



87.4450, -11.5584, 20.6577



85.2920, -12.9620, 4.1289

Sweetspot

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



80.8850, 14.3537, -30.5941



131.7150, 5.5635, -11.1511



85.3920, -11.5323, -34.5468



65.0530, 2.9319, -7.0625



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



80.8850, 14.3537, -30.5941



97.2510, 22.5543, -47.5781



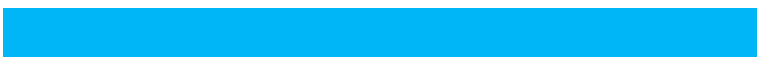
62.6880, 23.3248, -14.6354



53.6190, 1.1738, -3.1739



65.3360, 26.9494, -57.2997



134.9920, 55.2199, -118.3880

Inverse Universe

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



70.4940, 11.0955, 34.6468



81.2220, 17.1456, 54.1793



93.3120, -23.3248, 14.6354



52.3640, 1.2995, 3.1888



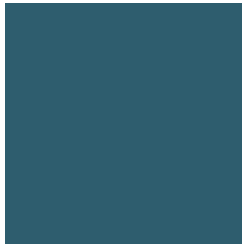
45.9120, 20.7494, 64.9752



94.6010, 43.0877, 133.6539

Previews

White Background



This preview shows how the YUV color 80.8850, 14.3537, -30.5941 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 80.8850, 14.3537, -30.5941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

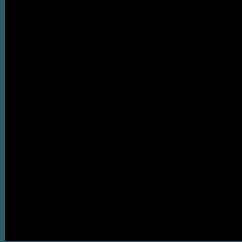
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.8850, 14.3537, -30.5941

Background



This preview shows how black text looks on a background with the YUV color 80.8850, 14.3537, -30.5941.

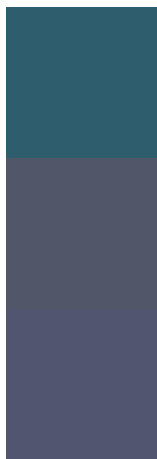


This preview shows how white text looks on a background with the YUV color 80.8850, 14.3537,

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

80.8850, 14.3537, -30.5941

Protanopia

86.9700, 8.8888, -4.3587

Deuteranopia

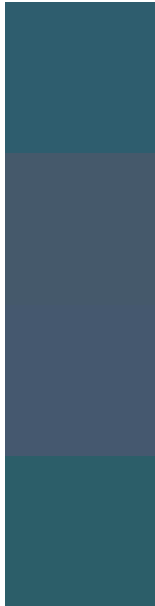
87.1810, 12.2358, -4.5437



Tritanopia

79.6630, 11.0121, -32.1535

Trichromacy



Original Color

80.8850, 14.3537, -30.5941

Protanomaly

85.0720, 10.8105, -14.0951

Deuteranomaly

84.9410, 12.8471, -13.9803

Tritanomaly

80.3040, 12.1751, -31.8386

Monochromacy



Original Color

80.8850, 14.3537, -30.5941

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

80.7150, 5.5635, -11.1511

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.8850, 14.3537, -30.5941 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(46, 93, 110)` looks like.

```
.text, #text, p{  
    color:rgb(46, 93, 110)  
}
```

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(46, 93, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 93, 110) }
```

Border

The CSS property to change the border of an element to YUV 80.8850, 14.3537, -30.5941 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(46, 93, 110) }
```


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

```
.border{ border-color:rgb(46, 93, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 93, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 93, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 93, 110);  
box-shadow:4px 4px 4px 4px rgb(46, 93,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 80.8850, 14.3537, -30.5941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 93, 110) }
```

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

```
.background{ background-color: rgb(46, 93,  
110) }
```

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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