

Converting Colors

YUV(130.8610, -2.8895,
-53.3751)

Have a look what the booklet for
YUV(130.8610, -2.8895, -53.3751)
contains.

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Color

**YUV(130.8610, -2.8895,
-53.3751)**

Conversions

Conversions Part 1

Format	Color
Hex	46A37D
RGB	70, 163, 125
RGB Percent	27%, 64%, 49%
CMY	0.7255, 0.3608, 0.5098
CMYK	0.57, 0.00, 0.23, 0.36
HSL	155°, 40%, 46%
HSV	155°, 57%, 64%
XYZ	19.3247, 28.9771, 23.9767
YIQ	130.8610, -43.2300, -31.5340

Conversions

Conversions Part 2

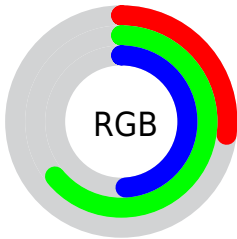
Format	Color
RYB	70, 128, 163
Decimal	4629373
CIELab	60.76, -36.86, 11.57
CIELCh	61, 38.633, 162.568
Yxy	28.9771, 0.2674, 0.4009
Android (android.graphics.Color)	4282819453 (0xFF46A37D)
YUV	130.8610, -2.8895, -53.3751
Hunter-Lab	53.8304, -30.1233, 11.2729

Details

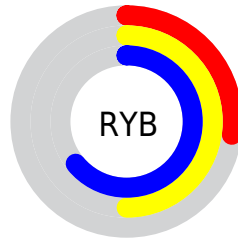
The YUV color **130.8610, -2.8895, -53.3751** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **102.1390, 2.8895, 53.3751**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.5190, -4.1999, -53.0752**, and **73.2340, 1.3636, -64.2262** is the 20% darker color. If you saturate the color by 10%, you get **125.2790, -3.5885, -62.5117**, and if you desaturate by 10%, it is **136.4430, -2.1904, -44.2385**.

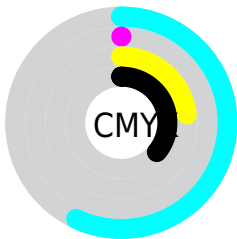
Distribution



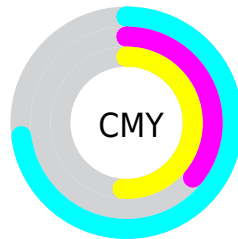
- Red (27%)
- Green (64%)
- Blue (49%)



- Red (27%)
- Yellow (50%)
- Blue (64%)



- Cyan (57%)
- Magenta (0%)
- Yellow (23%)
- Black (36%)





- Cyan (73%)
- Magenta (36%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the YUV color 130.8610, -2.8895, -53.3751 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 130.8610, -2.8895, -53.3751 by changing the saturation by 10% instead.


 130.8610, -2.8895,
-53.3751

 130.8610, -2.8895,
-53.3751


255.0000, 0.0000,
0.0000

 103.1920, -1.5737,
-55.4194


 186.5190, -4.1999,
-53.0752

 73.2340, 1.3636,
-64.2262


 214.4050, -4.6367,
-52.9752


 55.9370, -1.4479,
-49.0567


 230.6650, 1.1512,
-42.6792

 39.4550, -3.6753,
-34.6020

 241.8440, 6.4859,
-27.0502

 24.5060, -7.6445,
-21.4918

 250.5150, 2.2111,
-9.2217

 2.9350, -1.4470,
-2.5740

 0.0000, 0.0000,

0.0000

■ 130.8610, -2.8895,
-53.3751

■ 130.8610, -2.8895,
-53.3751

■ 125.2790, -3.5885,
-62.5117

■ 136.4430, -2.1904,
-44.2385

■ 119.5120, -3.7034,
-72.3630

■ 142.2100, -2.0755,
-34.3872

■ 113.9300, -4.4025,
-81.4996

■ 147.7920, -1.3765,
-25.2506

■ 108.3480, -5.1016,
-90.6362

■ 153.3740, -0.6774,
-16.1140

■ 106.6250, -5.2381,
-93.5101

■ 159.1410, -0.5625,
-6.2627

■ 164.7230, 0.1366,
2.8739

■ 170.3050, 0.8356,
12.0105

■ 175.7730, 1.0979,
21.2471

■ 181.6540, 1.6496,
30.9984

Harmonies

Analogous

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



138.2600, -21.3272, -19.5220



130.8610, -2.8895, -53.3751



114.5080, 22.4276, -100.4235

Triad

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



130.8610, -2.8895, -53.3751



144.9780, 33.5348, -22.7827



147.1840, -22.2757, 51.5816

Complementary

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



130.8610, -2.8895, -53.3751



102.1390, 2.8895, 53.3751

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.



148.4030, -7.5937, 55.7746



130.8610, -2.8895, -53.3751



150.1740, 23.0852, 15.6334

Square

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



130.8610, -2.8895, -53.3751



129.6790, 40.0913, -72.5095



150.5660, 8.5950, 43.3536



145.5550, -31.8256, 34.5933

Rectangle

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



130.8610, -2.8895, -53.3751



116.4290, 32.3265, -102.1082



150.5660, 8.5950, 43.3536



147.7590, -17.6292, 54.5854

Sweetspot

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



130.8610, -2.8895, -53.3751



199.5260, -1.2453, -20.6323



136.2520, -32.6622, -23.9000



99.6950, -0.8356, -12.0105



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



130.8610, -2.8895, -53.3751



162.2180, -4.5445, -82.6292



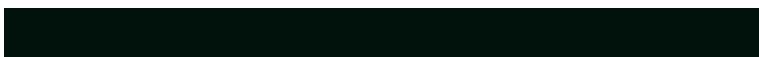
130.4970, 16.0240, -53.0559



78.8530, -0.4205, -5.1331



94.9190, -4.3971, -83.2440



11.8200, -0.4043, -10.3661

Inverse Universe

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



102.1390, 2.8895, 53.3751



117.7820, 4.5445, 82.6292



102.5030, -16.0240, 53.0559



76.1470, 0.4205, 5.1331



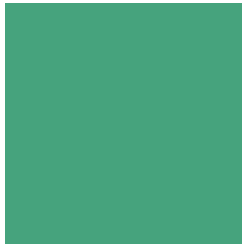
50.0810, 4.3971, 83.2440



6.1800, 0.4043, 10.3661

Previews

White Background



This preview shows how the YUV color 130.8610, -2.8895, -53.3751 looks on a white 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

Black Background



This preview shows how the YUV color 130.8610, -2.8895, -53.3751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

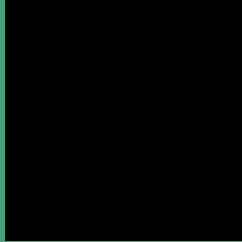
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 130.8610, -2.8895, -53.3751 Background



This preview shows how black text looks on a background with the YUV color 130.8610, -2.8895, -53.3751.



This preview shows how white text looks on a background with the YUV color 130.8610, -2.8895, -53.3751.

-53.3751.

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

130.8610, -2.8895, -53.3751

Protanopia

144.6840, -14.1412, 9.0471

Deuteranopia

146.3350, -8.0532, 16.3692



Tritanopia

136.6550, 16.4391, -46.1784

Trichromacy



Original Color

130.8610, -2.8895, -53.3751

Protanomaly

139.8660, -10.2869, -13.9145

Deuteranomaly

140.3380, -6.0826, -9.0664

Tritanomaly

134.5100, 9.6086, -48.6823

Monochromacy



Original Color

130.8610, -2.8895, -53.3751

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

131.2380, -1.1033, -19.5027

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.8610, -2.8895, -53.3751 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(70, 163, 125)` looks like.

```
.text, #text, p{  
    color:rgb(70, 163, 125)  
}
```

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(70, 163, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 163, 125) }
```

Border

The CSS property to change the border of an element to YUV 130.8610, -2.8895, -53.3751 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(70, 163, 125) }
```


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

```
.border{ border-color:rgb(70, 163, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 163, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 163, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 163, 125);  
box-shadow:4px 4px 4px 4px rgb(70, 163,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 130.8610, -2.8895, -53.3751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 163, 125) }
```

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

```
.background{ background-color: rgb(70, 163,  
125) }
```

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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