

Converting Colors

YUV(125.9860, -46.3351,
-71.9017)

Have a look what the booklet for
YUV(125.9860, -46.3351, -71.9017)
contains.

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Color

**YUV(125.9860, -46.3351,
-71.9017)**

Conversions

Conversions Part 1

Format	Color
Hex	2CBA20
RGB	44, 186, 32
RGB Percent	17%, 73%, 13%
CMY	0.8275, 0.2706, 0.8745
CMYK	0.76, 0.00, 0.83, 0.27
HSL	115°, 71%, 43%
HSV	115°, 83%, 73%
XYZ	18.8583, 35.7576, 7.2745
YIQ	125.9860, -35.1980, -77.9980

Conversions

Conversions Part 2

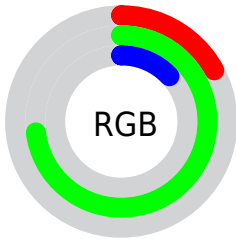
Format	Color
RYB	32, 186, 174
Decimal	2931232
CIELab	66.33, -63.26, 60.80
CIElCh	66, 87.745, 136.137
Yxy	35.7576, 0.3047, 0.5778
Android (android.graphics.Color)	4281121312 (0xFF2CBA20)
YUV	125.9860, -46.3351, -71.9017
Hunter-Lab	59.7976, -48.3525, 34.6456

Details

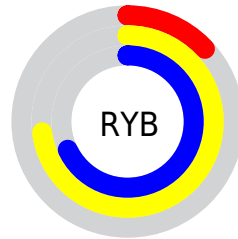
The YUV color **125.9860, -46.3351, -71.9017** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **92.0140, 46.3351, 71.9017**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.1010, -47.3778, -64.1096**, and **76.8970, -37.9102, -67.4387** is the 20% darker color. If you saturate the color by 10%, you get **118.7370, -52.1283, -80.4533**, and if you desaturate by 10%, it is **133.2350, -40.5419, -63.3501**.

Distribution



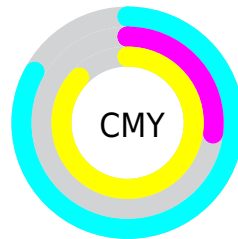
- Red (17%)
- Green (73%)
- Blue (13%)



- Red (13%)
- Yellow (73%)
- Blue (68%)



- Cyan (76%)
- Magenta (0%)
- Yellow (83%)
- Black (27%)





- Cyan (83%)
- Magenta (27%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the YUV color 125.9860, -46.3351, -71.9017 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 125.9860, -46.3351, -71.9017 by changing the saturation by 10% instead.


 125.9860,
-46.3351, -71.9017


 125.9860,
-46.3351, -71.9017


255.0000, 0.0000,
0.0000


 92.7460, -45.7238,
-81.3382


 187.1010,
-47.3778, -64.1096


 76.8970, -37.9102,
-67.4387


 206.6060,
-43.1898, -54.0285


 61.6350, -30.3861,
-54.0539


 218.7680,
-35.3816, -38.3845

 46.3730, -22.8619,
-40.6691

 230.9300,
-27.5735, -22.7406

 32.8720, -16.2059,
-28.8287

 243.3910,
-19.9128, -6.4819

 17.6100, -8.6817,
-15.4440

 252.3780,

 0.0000, 0.0000,

-10.0464, 2.2995

0.0000

■ 125.9860,
-46.3351, -71.9017

■ 125.9860,
-46.3351, -71.9017

■ 118.7370,
-52.1283, -80.4533

■ 133.2350,
-40.5419, -63.3501

■ 113.3680,
-55.8904, -87.1457

■ 140.3700,
-35.1854, -54.6985

■ 147.6190,
-29.3922, -46.1469

■ 155.0530,
-24.1831, -36.8805

■ 162.3020,
-18.3899, -28.3289

■ 169.5510,
-12.5966, -19.7772

■ 176.6860, -7.2402,
-11.1256

■ 183.9350, -1.4470,
-2.5740

■ 191.0700, 3.9095,
6.0776

Harmonies

Analogous

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



146.7220, -72.3339, 7.2598



125.9860, -46.3351, -71.9017



127.0850, -2.9999, -111.4535

Triad

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



125.9860, -46.3351, -71.9017



135.3170, 59.0037, -118.6730



129.5960, -3.2518, 109.9793

Complementary

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



125.9860, -46.3351, -71.9017



92.0140, 46.3351, 71.9017

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.



142.0100, 29.0821, 99.0922



125.9860, -46.3351, -71.9017



127.5190, 62.8481, -91.6632

Square

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



125.9860, -46.3351, -71.9017



142.3610, 55.5310, -124.8506



162.3330, 45.6848, 47.0660



143.7110, -48.1715, 97.6005

Rectangle

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



125.9860, -46.3351, -71.9017



135.1160, 20.1558, -118.4967



162.3330, 45.6848, 47.0660



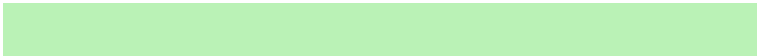
129.0380, 9.8413, 110.4687

Sweetspot

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



125.9860, -46.3351, -71.9017



218.4160, -17.9531, -28.4288



160.8130, -63.5048, 22.0890



108.0290, -10.8603, -16.6884



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



125.9860, -46.3351, -71.9017



148.5610, -72.2546, -111.8710



129.6940, -16.6111, -85.6776



88.2830, -2.6045, -4.6332



95.1600, -46.9139, -72.9313



17.0340, -8.3978, -13.1848

Inverse Universe

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



92.0140, 46.3351, 71.9017



95.7380, 72.1072, 112.4858



88.3060, 16.6111, 85.6776



86.4180, 2.7519, 4.0184



60.5410, 47.0613, 72.3165



10.9660, 8.3978, 13.1848

Previews

White Background



This preview shows how the YUV color 125.9860, -46.3351, -71.9017 looks on a white 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

Black Background



This preview shows how the YUV color 125.9860, -46.3351, -71.9017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

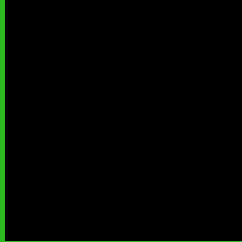
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 125.9860, -46.3351, -71.9017 Background



This preview shows how black text looks on a background with the YUV color 125.9860, -46.3351, -71.9017.



This preview shows how white text looks on a background with the YUV color 125.9860, -46.3351, -71.9017.

-71.9017.

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

125.9860, -46.3351, -71.9017

Protanopia

150.5900, -61.9159, 25.7926

Deuteranopia

154.7240, -51.6289, 39.7071



Tritanopia

148.8820, 18.7922, -54.2705

Trichromacy



Original Color

125.9860, -46.3351, -71.9017



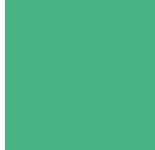
Protanomaly

141.5640, -55.9871, -9.2646



Deuteranomaly

143.9270, -49.7570, -0.8130



Tritanomaly

140.6490, -4.7570, -61.0822

Monochromacy



Original Color

125.9860, -46.3351, -71.9017



Achromatopsia

126.0000, 0.0000, 0.0000



Achromatomaly

126.0680, -16.7955, -26.3696

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.9860, -46.3351, -71.9017 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(44, 186, 32)` looks like.

```
.text, #text, p{  
    color:rgb(44, 186, 32)  
}
```

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(44, 186, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 186, 32) }
```

Border

The CSS property to change the border of an element to YUV 125.9860, -46.3351, -71.9017 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(44, 186, 32) }
```


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

```
.border{ border-color:rgb(44, 186, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 186, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 186, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 186, 32);  
box-shadow:4px 4px 4px 4px rgb(44, 186,  
32) }
```

Background

The CSS property to change the background color of an element to YUV 125.9860, -46.3351, -71.9017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 186, 32) }
```

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

```
.background{ background-color: rgb(44, 186,  
32) }
```

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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