

Converting Colors

YUV(48.6230, -11.6461, 2.0846)

Have a look what the booklet for
YUV(48.6230, -11.6461, 2.0846)
contains.

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Color

**YUV(48.6230, -11.6461,
2.0846)**

Conversions

Conversions Part 1

Format	Color
Hex	333419
RGB	51, 52, 25
RGB Percent	20%, 20%, 10%
CMY	0.8000, 0.7961, 0.9020
CMYK	0.02, 0.00, 0.52, 0.80
HSL	62°, 35%, 15%
HSV	62°, 52%, 20%
XYZ	2.7687, 3.2300, 1.3972
YIQ	48.6230, 8.0710, -8.6090

Conversions

Conversions Part 2

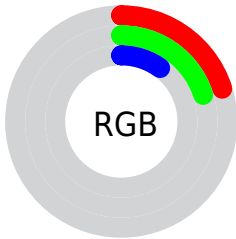
Format	Color
R_{YB}	25, 52, 26
Decimal	3355673
CIE Lab	20.94, -5.39, 16.87
CIE LCh	21, 17.710, 107.717
Yxy	3.2300, 0.3744, 0.4367
Android (android.graphics.Color)	4281545753 (0xFF333419)
YUV	48.6230, -11.6461, 2.0846
Hunter-Lab	17.9721, -3.9524, 7.9711

Details

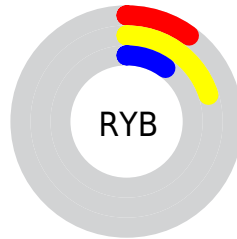
The YUV color **48.6230, -11.6461, 2.0846** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **28.3770, 11.6461, -2.0846**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.6940, -12.6671, 2.8994**, and **3.5220, -1.7363, -3.0888** is the 20% darker color. If you saturate the color by 10%, you get **48.0530, -13.8301, 2.5845**, and if you desaturate by 10%, it is **49.1930, -9.4621, 1.5847**.

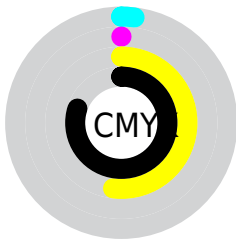
Distribution



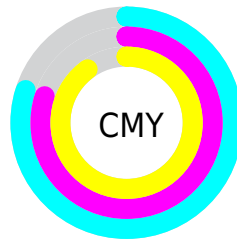
- Red (20%)
- Green (20%)
- Blue (10%)



- Red (10%)
- Yellow (20%)
- Blue (10%)



- Cyan (2%)
- Magenta (0%)
- Yellow (52%)
- Black (80%)



- Cyan (80%)
- Magenta (80%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.6230, -11.6461, 2.0846 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 48.6230, -11.6461, 2.0846 by changing the saturation by 10% instead.

■ 48.6230, -11.6461,
2.0846

■ 48.6230, -11.6461,
2.0846

■ 254.7720, -0.8736,
0.2000

■ 27.4660, -13.5407,
3.0993

■ 94.6940, -12.6671,
2.8994

■ 3.5220, -1.7363,
-3.0888

■ 119.4660,
-13.5407, 3.0993

■ 0.0000, 0.0000,
0.0000


■ 145.3520,
-13.9775, 3.1993


■ 172.2380,
-14.4143, 3.2993


■ 199.4230,
-14.9985, 4.0140


■ 227.4230,


-14.9985, 4.0140


 251.5800,
-13.1039, 2.9993


 48.6230, -11.6461,
2.0846


 48.6230, -11.6461,
2.0846


 48.0530, -13.8301,
2.5845


 49.1930, -9.4621,
1.5847


 47.4830, -16.0141,
3.0844


 49.7630, -7.2782,
1.0848


 46.5000, -18.4875,
3.0695

 50.7460, -4.8048,
1.0998

 45.9300, -20.6715,
3.5694

 51.3160, -2.6208,
0.5999

 45.4740, -22.4187,
3.9693

 51.8860, -0.4368,
0.1000

■ 52.4560, 1.7472,
-0.3999

■ 53.0260, 3.9312,
-0.8998

■ 54.0090, 6.4046,
-0.8849

■ 54.5790, 8.5886,
-1.3848

Harmonies

Analogous

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



49.8630, -12.2575, 11.5211



48.6230, -11.6461, 2.0846



46.6970, -7.2456, -9.3813

Triad

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



48.6230, -11.6461, 2.0846



40.7380, 13.9332, -35.7272



51.9790, 1.9824, 17.5584

Complementary

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



48.6230, -11.6461, 2.0846



28.3770, 11.6461, -2.0846

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.



51.8190, 7.9772, 8.0517



48.6230, -11.6461, 2.0846



45.7550, 14.9108, -22.5871

Square

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



48.6230, -11.6461, 2.0846



40.0710, 8.8390, -35.1423



50.4690, 12.0938, -5.6733



51.1060, -3.9963, 21.8320

Rectangle

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



48.6230, -11.6461, 2.0846



44.9070, -2.4192, -17.4584



50.4690, 12.0938, -5.6733



51.5380, 4.1718, 15.3142

Sweetspot

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



48.6230, -11.6461, 2.0846



67.4470, -4.6574, 0.4850



33.6600, -4.2694, 16.0842



34.9030, -2.9102, 0.0851



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



48.6230, -11.6461, 2.0846



63.5000, -18.4875, 3.0695



44.7360, -9.7298, -5.9075



25.3590, -1.1630, -0.3148



77.9570, -38.4328, 7.0537



189.8700, -93.6059, 16.7770

Inverse Universe

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



28.3770, 11.6461, -2.0846



31.5000, 18.4875, -3.0695



32.2640, 9.7298, 5.9075



23.3420, 1.3104, -0.2999



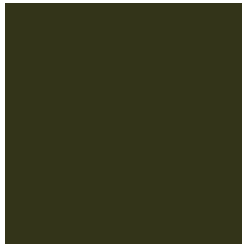
11.0430, 38.4328, -7.0537



27.1300, 93.6059, -16.7770

Previews

White Background



This preview shows how the YUV color 48.6230, -11.6461, 2.0846 looks on a white background.

Color Contrast Check

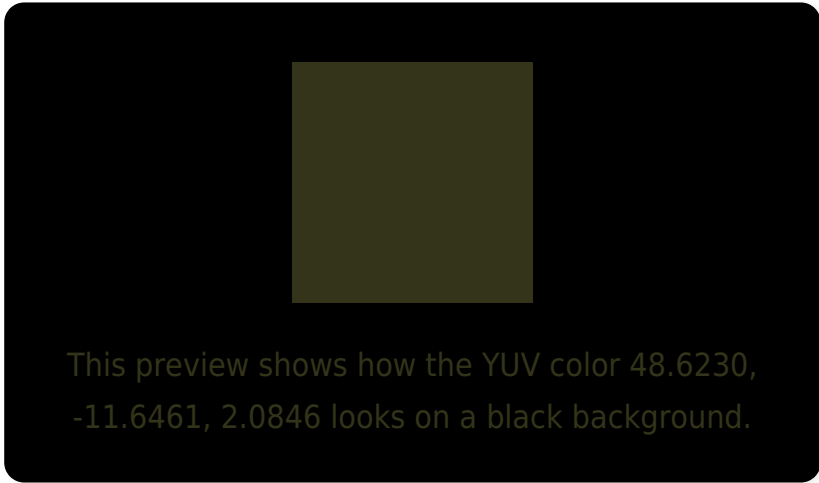
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

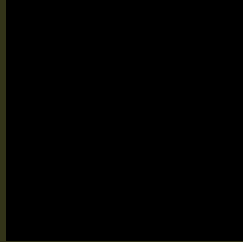
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

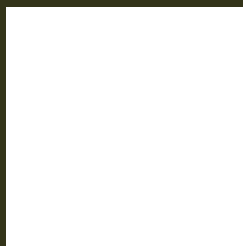
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 48.6230, -11.6461, 2.0846

Background



This preview shows how black text looks on a background with the YUV color 48.6230, -11.6461, 2.0846.

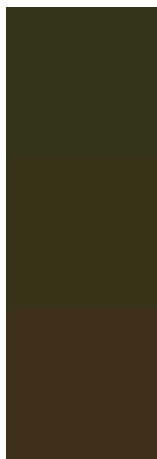


This preview shows how white text looks on a background with the YUV color 48.6230, -11.6461,

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

48.6230, -11.6461, 2.0846

Protanopia

48.8300, -12.2412, 6.2881

Deuteranopia

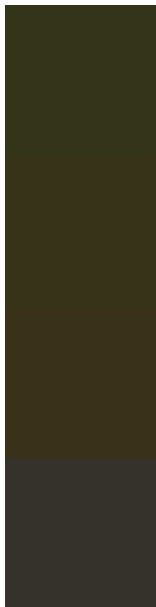
49.6780, -11.6733, 10.8064



Tritanopia

50.9510, 1.0102, 2.6740

Trichromacy



Original Color

48.6230, -11.6461, 2.0846

Protanomaly

48.8190, -12.2358, 4.5437

Deuteranomaly

49.0690, -11.3730, 7.8325

Tritanomaly

50.0990, -3.4998, 2.5442

Monochromacy



Original Color

48.6230, -11.6461, 2.0846

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

48.8600, -4.3680, 0.9998

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.6230, -11.6461, 2.0846 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(51, 52, 25)` looks like.

```
.text, #text, p{  
    color:rgb(51, 52, 25)  
}
```

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(51, 52, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 52, 25) }
```

Border

The CSS property to change the border of an element to YUV 48.6230, -11.6461, 2.0846 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(51, 52, 25) }
```


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

```
.border{ border-color:rgb(51, 52, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 52, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 52, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 52, 25);  
box-shadow:4px 4px 4px 4px rgb(51, 52, 25)  
}
```

Background

The CSS property to change the background color of an element to YUV 48.6230, -11.6461, 2.0846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 52, 25) }
```

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

```
.background{ background-color: rgb(51, 52,  
25) }
```

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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