

Converting Colors

YUV(46.8530, -0.4205, -5.1331)

Have a look what the booklet for
YUV(46.8530, -0.4205, -5.1331)
contains.

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Color

**YUV(46.8530, -0.4205,
-5.1331)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 29322E |
| RGB | 41, 50, 46 |
| RGB Percent | 16%, 20%, 18% |
| CMY | 0.8392, 0.8039, 0.8196 |
| CMYK | 0.18, 0.00, 0.08, 0.80 |
| HSL | 153°, 10%, 18% |
| HSV | 153°, 18%, 20% |
| XYZ | 2.5482, 2.9499, 3.0198 |
| YIQ | 46.8530, -4.0800, -3.1520 |

Conversions

Conversions Part 2

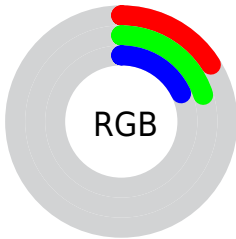
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 41, 47, 50 |
| Decimal | 2699822 |
| CIE _{Lab} | 19.84, -4.84, 1.26 |
| CIE _{LCh} | 20, 5.005, 165.452 |
| Yxy | 2.9499, 0.2992, 0.3463 |
| Android (android.graphics.Color) | 4280889902 (0xFF29322E) |
| YUV | 46.8530, -0.4205, -5.1331 |
| Hunter-Lab | 17.1752, -3.5735, 1.5979 |

Details

The YUV color **46.8530, -0.4205, -5.1331** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **44.1470, 0.4205, 5.1331**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.5540, -0.2731, -5.7479**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **45.1300, -0.5571, -8.0070**, and if you desaturate by 10%, it is **48.5760, -0.2840, -2.2592**.

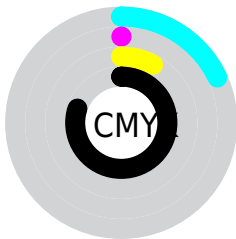
Distribution



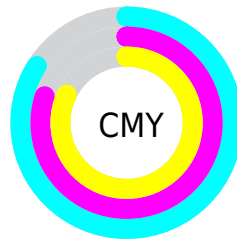
- Red (16%)
- Green (20%)
- Blue (18%)



- Red (16%)
- Yellow (18%)
- Blue (20%)



- Cyan (18%)
- Magenta (0%)
- Yellow (8%)
- Black (80%)



- Cyan (84%)
- Magenta (80%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.8530, -0.4205, -5.1331 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 46.8530, -0.4205, -5.1331 by changing the saturation by 10% instead.

■ 46.8530, -0.4205,
-5.1331

■ 46.8530, -0.4205,
-5.1331

■ 255.0000, 0.0000,
0.0000

■ 26.1520, -0.5679,
-4.5183

■ 92.5540, -0.2731,
-5.7479

■ 0.0000, 0.0000,
0.0000

■ 117.4400, -0.7099,
-5.6479

■ 143.1410, -0.5625,
-6.2627

■ 169.1410, -0.5625,
-6.2627

■ 196.7280, -0.8519,
-6.7775

■ 224.7280, -0.8519,

-6.7775

251.9670, 0.0163,
-5.2331

46.8530, -0.4205,
-5.1331

46.8530, -0.4205,
-5.1331

45.1300, -0.5571,
-8.0070

48.5760, -0.2840,
-2.2592

43.4070, -0.6937,
-10.8809

50.2990, -0.1474,
0.6148

41.5700, -1.2670,
-13.6549

52.1360, 0.4260,
3.3887

39.8470, -1.4036,
-16.5288

53.8590, 0.5625,
6.2627

38.1240, -1.5401,
-19.4027

55.5820, 0.6991,
9.1366

■ 36.4010, -1.6767,
-22.2767

■ 57.3050, 0.8356,
12.0105

■ 34.5640, -2.2501,
-25.0506

■ 59.1420, 1.4090,
14.7845

■ 32.8410, -2.3866,
-27.9246

■ 60.8650, 1.5456,
17.6584

■ 32.5420, -2.2392,
-28.5393

■ 62.5880, 1.6821,
20.5323

Harmonies

Analogous

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



47.1200, -2.0312, -1.8592



46.8530, -0.4205, -5.1331



46.7110, 1.6215, -6.7625

Triad

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



46.8530, -0.4205, -5.1331



48.2000, 3.3524, -1.9294



48.3490, -2.6371, 5.8329

Complementary

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



46.8530, -0.4205, -5.1331



44.1470, 0.4205, 5.1331

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.



48.9900, -1.4741, 6.1478



46.8530, -0.4205, -5.1331



48.2930, 2.3206, 2.3740

Square

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



46.8530, -0.4205, -5.1331



47.5910, 3.6526, -4.9033



48.8480, 0.5679, 4.5183



48.1100, -3.5052, 4.2885

Rectangle

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



46.8530, -0.4205, -5.1331



46.9390, 2.4951, -6.9625



48.8480, 0.5679, 4.5183



48.7620, -2.3477, 6.3477

Sweetspot

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



46.8530, -0.4205, -5.1331



62.8750, -0.4314, -1.6444



47.4790, -3.1941, -2.1741



32.2880, -0.1420, -1.1296



161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000

Same Dimension

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



46.8530, -0.4205, -5.1331



59.1300, -0.5571, -8.0070



47.3090, 1.3267, -5.5330



24.8750, -0.4314, -1.6444



57.9430, -3.9159, -50.8160



141.0590, -10.3821, -123.7087

Inverse Universe

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



44.1470, 0.4205, 5.1331



54.8700, 0.5571, 8.0070



43.6910, -1.3267, 5.5330



24.0110, -0.0054, 1.7444



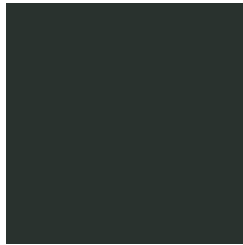
31.1710, 4.3527, 50.7160



75.8270, 9.9453, 123.8087

Previews

White Background



This preview shows how the YUV color 46.8530, -0.4205, -5.1331 looks on a white background.

Color Contrast Check

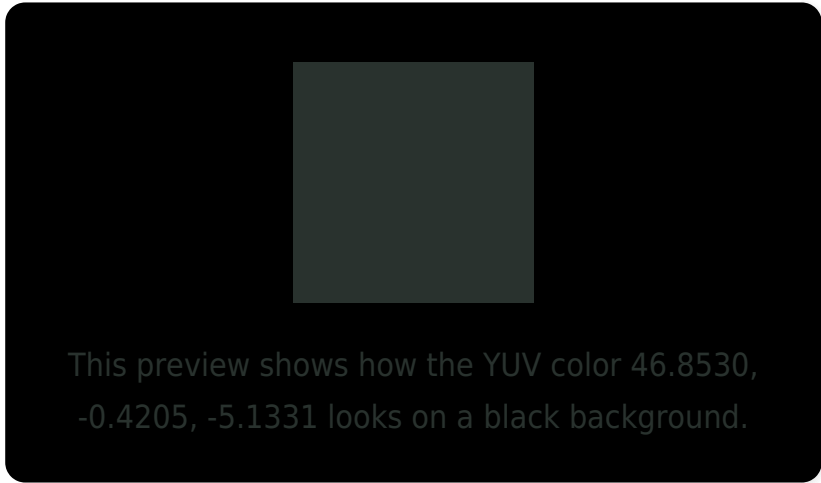
Large Text (above 18pt) WCAG AA ✓ Pass

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

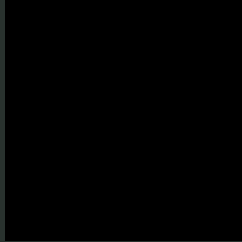
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 46.8530, -0.4205, -5.1331

Background



This preview shows how black text looks on a background with the YUV color 46.8530, -0.4205, -5.1331.



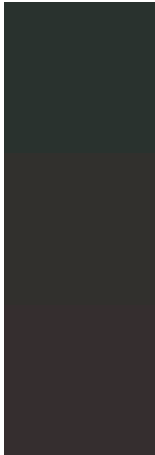
This preview shows how white text looks on a background with the YUV color 46.8530, -0.4205, -5.1331.

-5.1331.

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

46.8530, -0.4205, -5.1331

Protanopia

47.9570, -1.4578, 0.9147

Deuteranopia

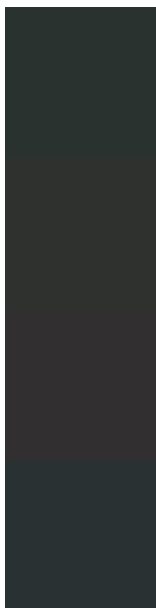
48.2070, -0.5951, 4.2035



Tritanopia

47.3630, 2.7790, -4.7034

Trichromacy



Original Color

46.8530, -0.4205, -5.1331

Protanomaly

47.6470, -1.3050, -1.4444

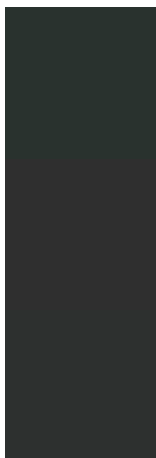
Deuteranomaly

47.5980, -0.2948, 1.2296

Tritanomaly

47.0210, 1.4686, -4.4034

Monochromacy



Original Color

46.8530, -0.4205, -5.1331

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

46.9890, 0.0054, -1.7444

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.8530, -0.4205, -5.1331 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(41, 50, 46)` looks like.

```
.text, #text, p{  
    color:rgb(41, 50, 46)  
}
```

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(41, 50, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 50, 46) }
```

Border

The CSS property to change the border of an element to YUV 46.8530, -0.4205, -5.1331 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(41, 50, 46) }
```


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

```
.border{ border-color:rgb(41, 50, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 50, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 50, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 50, 46);  
box-shadow:4px 4px 4px 4px rgb(41, 50, 46)  
}
```

Background

The CSS property to change the background color of an element to YUV 46.8530, -0.4205, -5.1331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 50, 46) }
```

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

```
.background{ background-color: rgb(41, 50,  
46) }
```

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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