

Converting Colors

YUV(46.9060, -14.2507, -2.5486)

Have a look what the booklet for
YUV(46.9060, -14.2507, -2.5486)
contains.

| | |
|--|----|
| YUV(46.9060, -14.2507, -2.5486) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YUV(46.9060, -14.2507,
-2.5486)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 2C3612 |
| RGB | 44, 54, 18 |
| RGB Percent | 17%, 21%, 7% |
| CMY | 0.8275, 0.7882, 0.9294 |
| CMYK | 0.19, 0.00, 0.67, 0.79 |
| HSL | 77°, 50%, 14% |
| HSV | 77°, 67%, 21% |
| XYZ | 2.4671, 3.2175, 1.0633 |
| YIQ | 46.9060, 5.5960, -13.3160 |

Conversions

Conversions Part 2

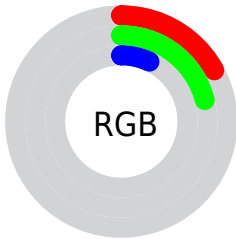
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 18, 54, 28 |
| Decimal | 2897426 |
| CIE Lab | 20.89, -10.99, 20.86 |
| CIE LCh | 21, 23.579, 117.773 |
| Yxy | 3.2175, 0.3656, 0.4768 |
| Android (android.graphics.Color) | 4281087506 (0xFF2C3612) |
| YUV | 46.9060, -14.2507, -2.5486 |
| Hunter-Lab | 17.9373, -6.8399, 9.0416 |

Details

The YUV color **46.9060, -14.2507, -2.5486** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **25.0940, 14.2507, 2.5486**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.5640, -15.5611, -2.2486**, and **3.5220, -1.7363, -3.0888** is the 20% darker color. If you saturate the color by 10%, you get **46.0370, -16.2872, -2.6634**, and if you desaturate by 10%, it is **48.0740, -12.3615, -1.8189**.

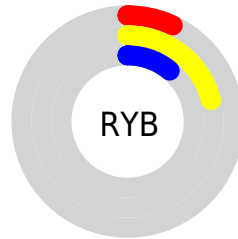
Distribution



Red (17%)

Green (21%)

Blue (7%)



Red (7%)

Yellow (21%)

Blue (11%)

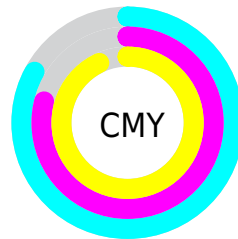


Cyan (19%)

Magenta (0%)

Yellow (67%)

Black (79%)



Cyan (83%)

Magenta (79%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.9060, -14.2507, -2.5486 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 46.9060, -14.2507, -2.5486 by changing the saturation by 10% instead.

■ 46.9060, -14.2507,
-2.5486

■ 46.9060, -14.2507,
-2.5486

■ 253.8600, -4.3680,
0.9998

■ 26.5470, -13.0877,
-2.2337

■ 93.5640, -15.5611,
-2.2486

■ 3.5220, -1.7363,
-3.0888

■ 118.3360,
-16.4346, -2.0487

■ 0.0000, 0.0000,
0.0000

■ 144.2220,
-16.8714, -1.9487

■ 170.1080,
-17.3082, -1.8487

■ 197.9940,
-17.7450, -1.7487

■ 225.8800,

-18.1818, -1.6488

■ 249.7710,
-16.1561, 1.9548

■ 46.9060, -14.2507,
-2.5486

■ 46.9060, -14.2507,
-2.5486

■ 46.0370, -16.2872,
-2.6634

■ 48.0740, -12.3615,
-1.8189

■ 44.7550, -18.6132,
-3.2931

■ 49.0570, -9.8881,
-1.8040

■ 43.8860, -20.6498,
-3.4080

■ 50.2250, -7.9989,
-1.0743

■ 43.3590, -21.3760,
-3.8228

■ 51.2080, -5.5255,
-1.0594

■ 52.3760, -3.6364,
-0.3298

■ 53.2450, -1.5998,
-0.2149

■ 54.5270, 0.7262,
0.4148

■ 55.3960, 2.7628,
0.5297

■ 56.6780, 5.0887,
1.1594

Harmonies

Analogous

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



48.5980, -17.0568, 10.8766



46.9060, -14.2507, -2.5486



43.5710, -6.1975, -18.9178

Triad

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



46.9060, -14.2507, -2.5486



42.4650, 18.0118, -37.2418



50.6920, 0.6448, 26.5801

Complementary

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



46.9060, -14.2507, -2.5486



25.0940, 14.2507, 2.5486

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.



51.6890, 8.5343, 16.0587



46.9060, -14.2507, -2.5486



43.7910, 20.3160, -29.6347

Square

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



46.9060, -14.2507, -2.5486



42.1570, 11.7546, -36.9717



50.8870, 14.8457, -1.6549



50.2270, -7.5069, 27.8649

Rectangle

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



46.9060, -14.2507, -2.5486



38.8340, 1.5608, -34.0574



50.8870, 14.8457, -1.6549



51.3650, 3.2711, 24.2359

Sweetspot

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



46.9060, -14.2507, -2.5486



68.2080, -5.5255, -1.0594



34.6340, -8.2006, 16.9840



34.0770, -3.4890, -0.9445



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.



46.9060, -14.2507, -2.5486



60.0170, -22.6864, -3.5229



41.5240, -11.5973, -13.6145



27.3590, -1.1630, -0.3148



73.7380, -36.3528, -6.7862



175.7950, -86.6669, -15.6062

Inverse Universe

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



25.0940, 14.2507, 2.5486



25.2820, 22.5390, 4.1377



30.4760, 11.5973, 13.6145



25.6410, 1.1630, 0.3148



17.9630, 36.5002, 6.1714



43.2050, 86.6669, 15.6062

Previews

White Background



This preview shows how the YUV color 46.9060, -14.2507, -2.5486 looks on a white background.

Color Contrast Check

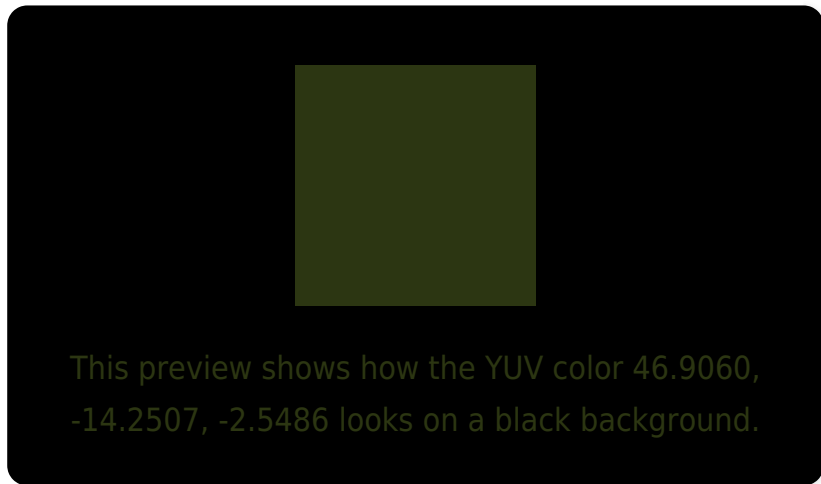
Large Text (above 18pt) WCAG AA ✓ Pass

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

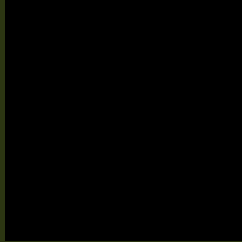
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

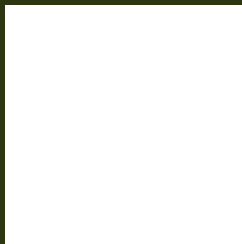
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 46.9060, -14.2507, -2.5486

Background



This preview shows how black text looks on a background with the YUV color 46.9060, -14.2507, -2.5486.



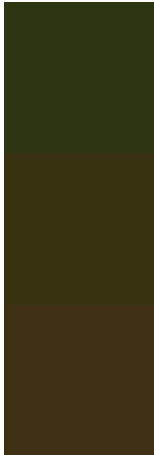
This preview shows how white text looks on a background with the YUV color 46.9060, -14.2507, -2.5486.

-2.5486.

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

46.9060, -14.2507, -2.5486

Protanopia

48.0320, -15.2988, 6.9879

Deuteranopia

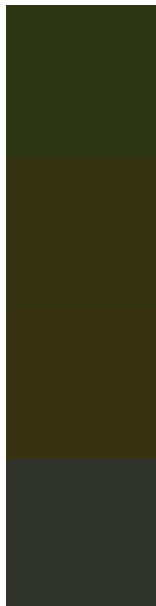
49.2930, -14.4414, 12.0210



Tritanopia

49.8580, 2.0420, -1.6295

Trichromacy



Original Color

46.9060, -14.2507, -2.5486

Protanomaly

47.4230, -14.9985, 4.0140

Deuteranomaly

48.2600, -14.4252, 6.7880

Tritanomaly

48.6640, -3.7784, -1.4593

Monochromacy



Original Color

46.9060, -14.2507, -2.5486

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.2080, -5.5255, -1.0594

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.9060, -14.2507, -2.5486 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, 54, 18)` looks like.

```
.text, #text, p{  
    color:rgb(44, 54, 18)  
}
```

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, 54, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 54, 18) }
```

Border

The CSS property to change the border of an element to YUV 46.9060, -14.2507, -2.5486 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, 54, 18) }
```


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

```
.border{ border-color:rgb(44, 54, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 54, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 54, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 54, 18);  
box-shadow:4px 4px 4px 4px rgb(44, 54, 18)  
}
```

Background

The CSS property to change the background color of an element to YUV 46.9060, -14.2507, -2.5486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 54, 18) }
```

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

```
.background{ background-color: rgb(44, 54,  
18) }
```

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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