

Converting Colors

YUV(42.2380, -14.4143, 3.2993)

Have a look what the booklet for
YUV(42.2380, -14.4143, 3.2993)
contains.

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Color

**YUV(42.2380, -14.4143,
3.2993)**

Conversions

Conversions Part 1

Format	Color
Hex	2E2E0D
RGB	46, 46, 13
RGB Percent	18%, 18%, 5%
CMY	0.8196, 0.8196, 0.9490
CMYK	0.00, 0.00, 0.72, 0.82
HSL	60°, 56%, 12%
HSV	60°, 72%, 18%
XYZ	2.1764, 2.5639, 0.7609
YIQ	42.2380, 10.5930, -10.2630

Conversions

Conversions Part 2

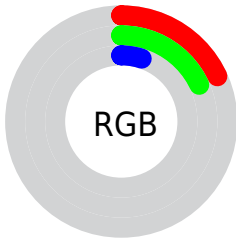
Format	Color
RYB	13, 46, 13
Decimal	3026445
CIELab	18.21, -5.45, 20.50
CIELCh	18, 21.217, 104.895
Yxy	2.5639, 0.3956, 0.4661
Android (android.graphics.Color)	4281216525 (0xFF2E2E0D)
YUV	42.2380, -14.4143, 3.2993
Hunter-Lab	16.0122, -3.7597, 8.3909

Details

The YUV color **42.2380, -14.4143, 3.2993** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **16.7620, 14.4143, -3.2993**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **88.1950, -15.8721, 4.2140**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **41.6680, -16.5983, 3.7992**, and if you desaturate by 10%, it is **42.8080, -12.2303, 2.7994**.

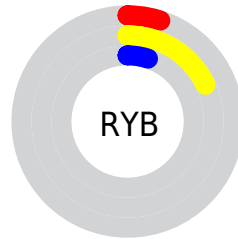
Distribution



Red (18%)

Green (18%)

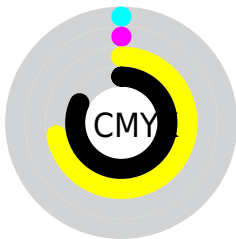
Blue (5%)



Red (5%)

Yellow (18%)

Blue (5%)

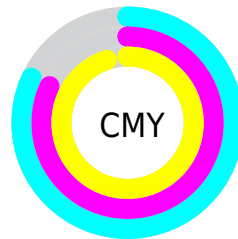


Cyan (0%)

Magenta (0%)

Yellow (72%)

Black (82%)



Cyan (82%)

Magenta (82%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.2380, -14.4143, 3.2993 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 42.2380, -14.4143, 3.2993 by changing the saturation by 10% instead.

■ 42.2380, -14.4143,
3.2993

■ 42.2380, -14.4143,
3.2993

■ 253.0620, -7.4256,
1.6996

■ 22.1500, -10.9200,
2.4995

■ 88.1950, -15.8721,
4.2140

■ 0.0000, 0.0000,
0.0000

■ 112.4940,
-16.0195, 4.8288


■ 138.2660,
-16.8931, 5.0287


■ 164.4510,
-17.4773, 5.7435


■ 191.3370,
-17.9141, 5.8435


■ 219.5220,


-18.4983, 6.5582


 248.1090,
-18.7877, 6.0434


 42.2380, -14.4143,
3.2993


 42.2380, -14.4143,
3.2993


 41.6680, -16.5983,
3.7992


 42.8080, -12.2303,
2.7994


 41.2120, -18.3455,
4.1991

 43.2640, -10.4832,
2.3995

 40.7560, -20.0927,
4.5990

 43.8340, -8.2992,
1.8996

 44.2900, -6.5520,
1.4997

 44.8600, -4.3680,
0.9998

■ 45.4300, -2.1840,
0.4999

■ 45.8860, -0.4368,
0.1000

■ 46.4560, 1.7472,
-0.3999

■ 46.9120, 3.4944,
-0.7998

Harmonies

Analogous

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



43.6030, -14.5943, 14.3802



42.2380, -14.4143, 3.2993



40.5290, -9.1348, -10.1109

Triad

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



42.2380, -14.4143, 3.2993



37.4610, 14.0697, -32.8533



45.4570, 3.7187, 20.6472

Complementary

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



42.2380, -14.4143, 3.2993



16.7620, 14.4143, -3.2993

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.



45.6880, 10.0138, 8.1666



42.2380, -14.4143, 3.2993



36.6120, 18.4323, -32.1087

Square

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



42.2380, -14.4143, 3.2993



36.4520, 7.6652, -31.9684



43.2450, 15.1622, -9.8619



44.2420, -3.5703, 25.2208

Rectangle

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



42.2380, -14.4143, 3.2993



37.3580, -3.1345, -21.3620



43.2450, 15.1622, -9.8619



46.0050, 5.9135, 16.6586

Sweetspot

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



42.2380, -14.4143, 3.2993



57.5180, -5.6784, 1.2997



22.8670, -4.8644, 20.2876



30.0880, -3.4944, 0.7998



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

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



42.2380, -14.4143, 3.2993



53.1860, -22.2767, 5.0989



37.1550, -11.9084, -7.1519



22.7720, -0.8736, 0.2000



77.0820, -38.0014, 8.6981



189.6040, -93.4748, 21.3953

Inverse Universe

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



16.7620, 14.4143, -3.2993



13.8140, 22.2767, -5.0989



21.5460, 12.0558, 6.5372



21.2280, 0.8736, -0.2000



9.9180, 38.0014, -8.6981



24.3960, 93.4748, -21.3953

Previews

White Background



This preview shows how the YUV color 42.2380, -14.4143, 3.2993 looks on a white background.

Color Contrast Check

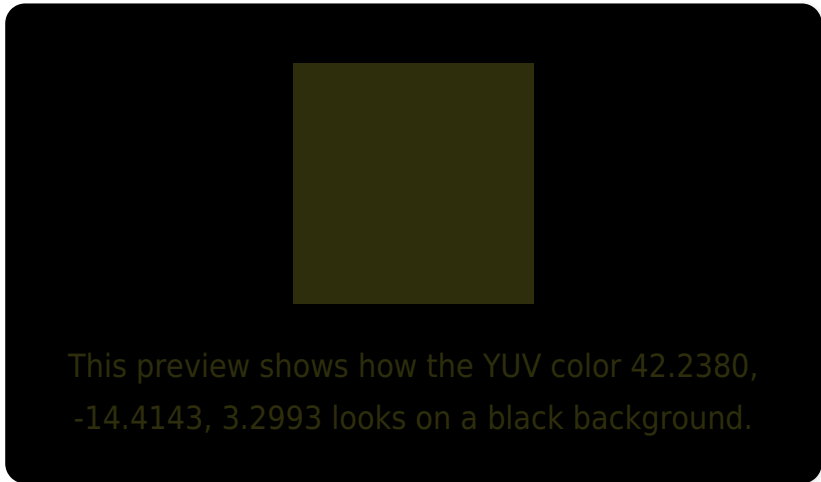
Large Text (above 18pt) WCAG AA ✓ Pass

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

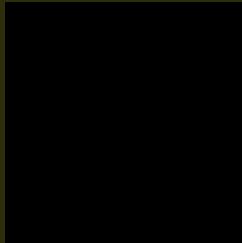
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

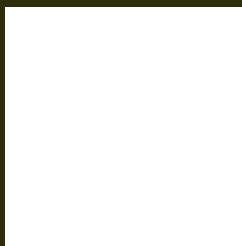
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 42.2380, -14.4143, 3.2993

Background



This preview shows how black text looks on a background with the YUV color 42.2380, -14.4143, 3.2993.



This preview shows how white text looks on a background with the YUV color 42.2380, -14.4143,

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

42.2380, -14.4143, 3.2993

Protanopia

42.8470, -14.7146, 6.2732

Deuteranopia

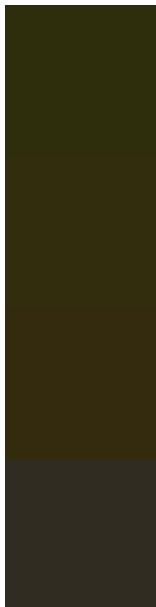
42.9940, -14.2940, 11.4063



Tritanopia

45.1360, 0.4260, 3.3887

Trichromacy



Original Color

42.2380, -14.4143, 3.2993

Protanomaly

42.5480, -14.5672, 5.6584

Deuteranomaly

42.3850, -13.9938, 8.4324

Tritanomaly

44.0560, -4.9576, 3.4589

Monochromacy



Original Color

42.2380, -14.4143, 3.2993

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

41.6320, -5.2416, 1.1997

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.2380, -14.4143, 3.2993 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(46, 46, 13)` looks like.

```
.text, #text, p{  
    color:rgb(46, 46, 13)  
}
```

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(46, 46, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 46, 13) }
```

Border

The CSS property to change the border of an element to YUV 42.2380, -14.4143, 3.2993 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(46, 46, 13) }
```


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

```
.border{ border-color:rgb(46, 46, 13) }
```

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

Here you see how a box with a 4 pixel rgb(46, 46, 13) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 46, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 46, 13);  
box-shadow:4px 4px 4px 4px rgb(46, 46, 13)  
}
```

Background

The CSS property to change the background color of an element to YUV 42.2380, -14.4143, 3.2993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 46, 13) }
```

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

```
.background{ background-color: rgb(46, 46,  
13) }
```

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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