

Converting Colors

YUV(41.4660, -13.5407, 3.0993)

Have a look what the booklet for
YUV(41.4660, -13.5407, 3.0993)
contains.

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Color

**YUV(41.4660, -13.5407,
3.0993)**

Conversions

Conversions Part 1

Format	Color
Hex	2D2D0E
RGB	45, 45, 14
RGB Percent	18%, 18%, 5%
CMY	0.8235, 0.8235, 0.9451
CMYK	0.00, 0.00, 0.69, 0.82
HSL	60°, 53%, 12%
HSV	60°, 69%, 18%
XYZ	2.0998, 2.4664, 0.7808
YIQ	41.4660, 9.9510, -9.6410

Conversions

Conversions Part 2

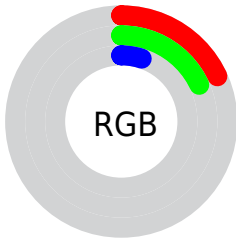
Format	Color
R_{YB}	14, 45, 14
Decimal	2960654
CIE Lab	17.77, -5.24, 19.46
CIE LCh	18, 20.156, 105.080
Yxy	2.4664, 0.3927, 0.4613
Android (android.graphics.Color)	4281150734 (0xFF2D2D0E)
YUV	41.4660, -13.5407, 3.0993
Hunter-Lab	15.7047, -3.6163, 8.0453

Details

The YUV color **41.4660, -13.5407, 3.0993** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **17.5340, 13.5407, -3.0993**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **86.8360, -14.7091, 4.5288**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **41.0100, -15.2879, 3.4992**, and if you desaturate by 10%, it is **42.0360, -11.3567, 2.5994**.

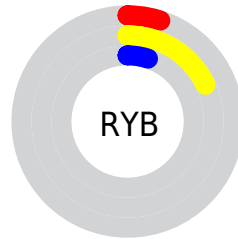
Distribution



Red (18%)

Green (18%)

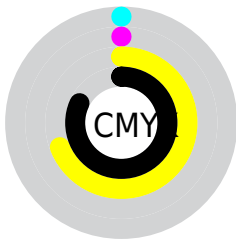
Blue (5%)



Red (5%)

Yellow (18%)

Blue (5%)

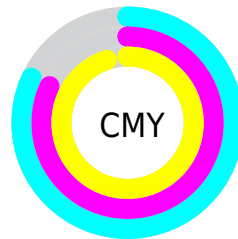


Cyan (0%)

Magenta (0%)

Yellow (69%)

Black (82%)



Cyan (82%)

Magenta (82%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.4660, -13.5407, 3.0993 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 41.4660, -13.5407, 3.0993 by changing the saturation by 10% instead.

■ 41.4660, -13.5407,
3.0993

■ 41.4660, -13.5407,
3.0993

■ 253.1760, -6.9888,
1.5996

■ 21.8510, -10.7725,
1.8847

■ 86.8360, -14.7091,
4.5288

■ 0.0000, 0.0000,
0.0000

■ 111.6080,
-15.5827, 4.7288

■ 136.9070,
-15.7302, 5.3436

■ 163.3800,
-16.4563, 4.9287

■ 190.5650,
-17.0405, 5.6435

■ 218.4510,

-17.4773, 5.7435

■ 246.7500,
-17.6247, 6.3582

■ 41.4660, -13.5407,
3.0993

■ 41.4660, -13.5407,
3.0993

■ 41.0100, -15.2879,
3.4992

■ 42.0360, -11.3567,
2.5994

■ 40.4400, -17.4719,
3.9991

■ 42.4920, -9.6096,
2.1995

■ 39.9840, -19.2191,
4.3990

■ 43.0620, -7.4256,
1.6996

■ 39.8700, -19.6559,
4.4990

■ 43.5180, -5.6784,
1.2997

■ 44.0880, -3.4944,
0.7998

■ 44.5440, -1.7472,
0.3999

■ 45.1140, 0.4368,
-0.1000

■ 45.5700, 2.1840,
-0.4999

■ 46.1400, 4.3680,
-0.9998

Harmonies

Analogous

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



42.5320, -13.5733, 13.5654



41.4660, -13.5407, 3.0993



39.3550, -8.5560, -9.0813

Triad

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



41.4660, -13.5407, 3.0993



36.6460, 13.4855, -32.1385



44.6310, 3.1399, 19.6176

Complementary

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



41.4660, -13.5407, 3.0993



17.5340, 13.5407, -3.0993

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.



45.1610, 9.2876, 7.7518



41.4660, -13.5407, 3.0993



35.6830, 17.4113, -31.2940

Square

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



41.4660, -13.5407, 3.0993



35.7510, 7.5178, -31.3536



42.9030, 13.8518, -9.5619



43.6440, -3.2755, 23.9912

Rectangle

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



41.4660, -13.5407, 3.0993



37.0700, -2.9925, -20.2324



42.9030, 13.8518, -9.5619



44.5920, 5.6241, 16.1438

Sweetspot

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



41.4660, -13.5407, 3.0993



57.5180, -5.6784, 1.2997



23.2690, -4.5696, 19.0581



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.



41.4660, -13.5407, 3.0993



53.4140, -21.4031, 4.8989



36.9810, -11.3296, -6.1223



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.



17.5340, 13.5407, -3.0993



15.5860, 21.4031, -4.8989



22.3180, 11.1822, 6.7371



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 41.4660, -13.5407, 3.0993 looks on a white background.

Color Contrast Check

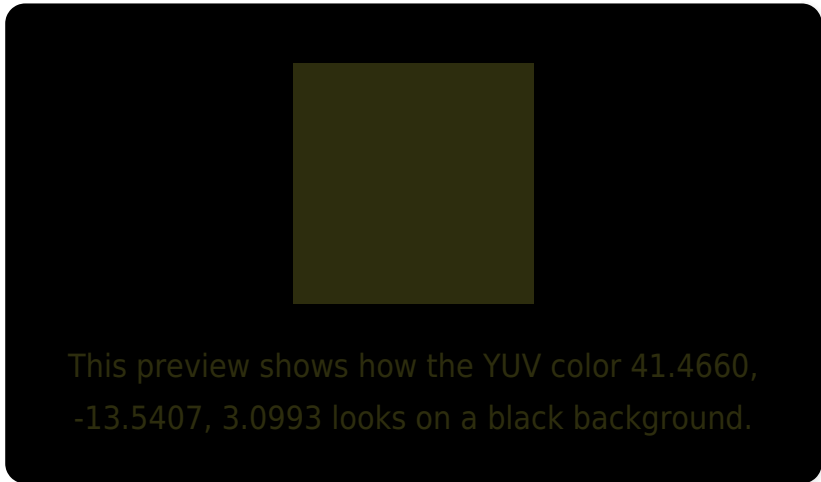
Large Text (above 18pt) WCAG AA ✓ Pass

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

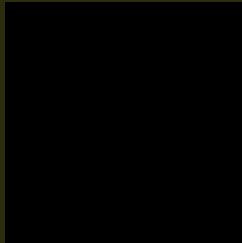
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

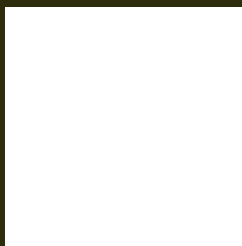
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 41.4660, -13.5407, 3.0993

Background



This preview shows how black text looks on a background with the YUV color 41.4660, -13.5407, 3.0993.

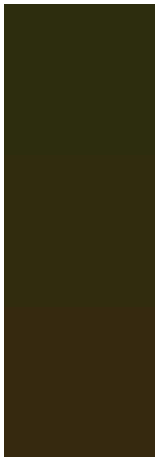


This preview shows how white text looks on a background with the YUV color 41.4660, -13.5407,

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

41.4660, -13.5407, 3.0993

Protanopia

42.0750, -13.8410, 6.0732

Deuteranopia

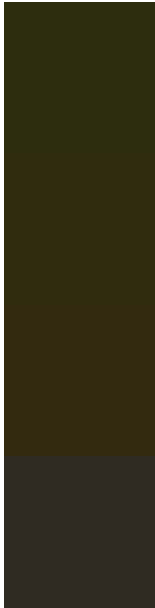
41.9230, -13.2730, 10.5915



Tritanopia

44.1360, 0.4260, 3.3887

Trichromacy



Original Color

41.4660, -13.5407, 3.0993

Protanomaly

41.7760, -13.6936, 5.4584

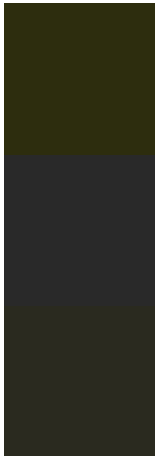
Deuteranomaly

41.6130, -13.1202, 8.2324

Tritanomaly

43.1700, -4.5208, 3.3589

Monochromacy



Original Color

41.4660, -13.5407, 3.0993

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

40.7460, -4.8048, 1.0998

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.4660, -13.5407, 3.0993 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(45, 45, 14)` looks like.

```
.text, #text, p{  
    color:rgb(45, 45, 14)  
}
```

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(45, 45, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 45, 14) }
```

Border

The CSS property to change the border of an element to YUV 41.4660, -13.5407, 3.0993 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(45, 45, 14) }
```


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

```
.border{ border-color:rgb(45, 45, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 45, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 45, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 45, 14);  
box-shadow:4px 4px 4px 4px rgb(45, 45, 14)  
}
```

Background

The CSS property to change the background color of an element to YUV 41.4660, -13.5407, 3.0993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 45, 14) }
```

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

```
.background{ background-color: rgb(45, 45,  
14) }
```

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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