

Converting Colors

YUV(60.3130, -14.9443,
-13.4295)

Have a look what the booklet for
YUV(60.3130, -14.9443, -13.4295)
contains.

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Color

**YUV(60.3130, -14.9443,
-13.4295)**

Conversions

Conversions Part 1

Format	Color
Hex	2D4A1E
RGB	45, 74, 30
RGB Percent	18%, 29%, 12%
CMY	0.8235, 0.7098, 0.8824
CMYK	0.39, 0.00, 0.59, 0.71
HSL	100°, 42%, 20%
HSV	100°, 59%, 29%
XYZ	3.7653, 5.5492, 2.1009
YIQ	60.3130, -3.1600, -19.8320

Conversions

Conversions Part 2

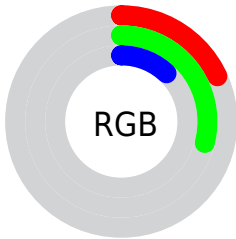
Format	Color
R_{YB}	30, 74, 59
Decimal	2968094
CIE _{Lab}	28.25, -20.27, 22.64
CIE _{LCh}	28, 30.386, 131.829
Yxy	5.5492, 0.3298, 0.4861
Android (android.graphics.Color)	4281158174 (0xFF2D4A1E)
YUV	60.3130, -14.9443, -13.4295
Hunter-Lab	23.5567, -12.6927, 11.2018

Details

The YUV color **60.3130, -14.9443, -13.4295** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **43.6870, 14.9443, 13.4295**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.5580, -16.5441, -13.6444**, and **18.1970, -8.9711, -15.9588** is the 20% darker color. If you saturate the color by 10%, you get **58.0200, -17.2649, -15.8035**, and if you desaturate by 10%, it is **62.6060, -12.6238, -11.0555**.

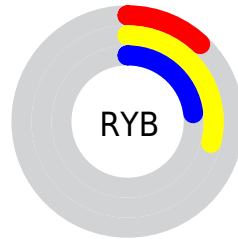
Distribution



Red (18%)

Green (29%)

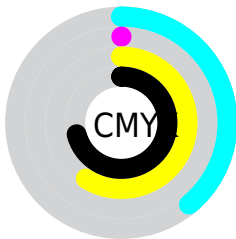
Blue (12%)



Red (12%)

Yellow (29%)

Blue (23%)

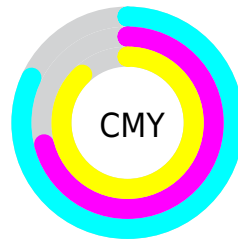


Cyan (39%)

Magenta (0%)

Yellow (59%)

Black (71%)



Cyan (82%)

Magenta (71%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 60.3130, -14.9443, -13.4295 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 60.3130, -14.9443, -13.4295 by changing the saturation by 10% instead.

■ 60.3130, -14.9443,
-13.4295

■ 60.3130, -14.9443,
-13.4295

255.0000, 0.0000,
0.0000

■ 37.3130, -14.9443,
-13.4295

■ 108.5580,
-16.5441, -13.6444

■ 18.1970, -8.9711,
-15.9588

■ 134.1450,
-16.8335, -14.1592

■ 0.0000, 0.0000,
0.0000

■ 160.6180,
-17.5597, -14.5740

■ 187.5040,
-17.9965, -14.4740

■ 215.0910,
-18.2859, -14.9888

■ 240.9280,

-17.7125, -12.2149

252.4920, -9.6096,
2.1995

60.3130, -14.9443,
-13.4295

60.3130, -14.9443,
-13.4295

58.0200, -17.2649,
-15.8035

62.6060, -12.6238,
-11.0555

55.6130, -20.0222,
-18.0776

65.0130, -9.8664,
-8.7814

53.3200, -22.3428,
-20.4516

67.3060, -7.5459,
-6.4074

50.9130, -25.1001,
-22.7257

69.7130, -4.7885,
-4.1333

71.7070, -2.3206,
-2.3740

■ 74.0000, 0.0000,
0.0000

■ 76.4070, 2.7573,
2.2741

■ 78.7000, 5.0779,
4.6481

■ 81.1070, 7.8352,
6.9222

Harmonies

Analogous

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



63.1970, -22.2821, 6.8432



60.3130, -14.9443, -13.4295



51.0130, -0.0064, -44.7384

Triad

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



60.3130, -14.9443, -13.4295



55.5050, 27.3590, -48.6779



66.5040, -4.1925, 38.1460

Complementary

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



60.3130, -14.9443, -13.4295



43.6870, 14.9443, 13.4295

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.



68.0220, 6.8912, 29.7987



60.3130, -14.9443, -13.4295



63.7690, 23.7779, -19.9684

Square

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



60.3130, -14.9443, -13.4295



56.2570, 20.0863, -49.3374



69.0070, 16.2655, 9.6409



65.5500, -14.0751, 34.5977

Rectangle

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



60.3130, -14.9443, -13.4295



53.4240, 6.6930, -46.8528



69.0070, 16.2655, 9.6409



67.1170, -0.5507, 36.7314

Sweetspot

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



60.3130, -14.9443, -13.4295



91.3600, -6.0935, -5.5777



60.1790, -14.8782, 12.1210



44.7670, -3.3361, -3.3037



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



60.3130, -14.9443, -13.4295



75.6790, -23.5057, -20.7665



56.6260, -9.6756, -23.3510



36.9460, -1.4524, -0.8296



70.3390, -34.6771, -30.9923



158.3320, -78.0577, -70.4512

Inverse Universe

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



43.6870, 14.9443, 13.4295



49.3210, 23.5057, 20.7665



47.3740, 9.6756, 23.3510



35.3530, 1.3050, 1.4444



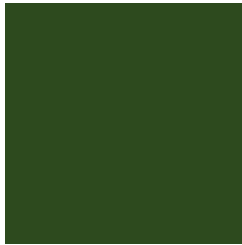
31.6610, 34.6771, 30.9923



71.3690, 78.2051, 69.8364

Previews

White Background



This preview shows how the YUV color 60.3130, -14.9443, -13.4295 looks on a white background.

Color Contrast Check

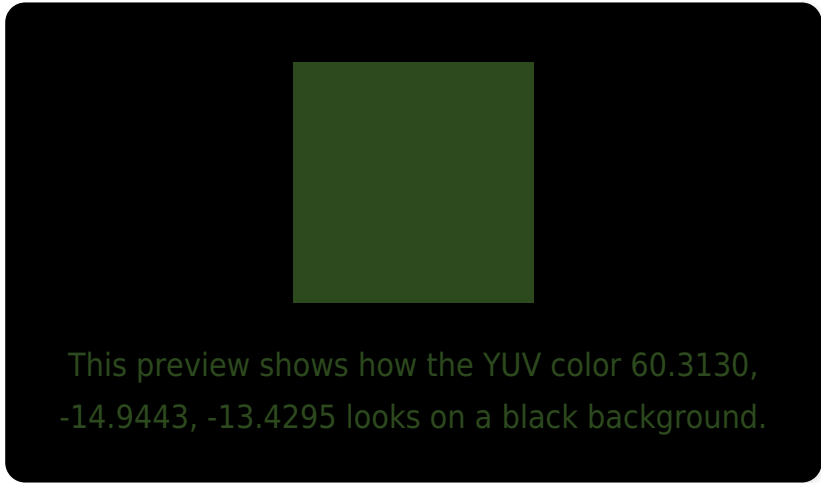
Large Text (above 18pt) WCAG AA ✓ Pass

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

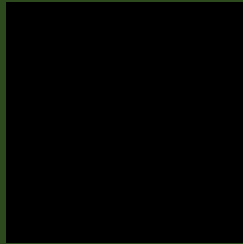
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 60.3130, -14.9443, -13.4295

Background



This preview shows how black text looks on a background with the YUV color 60.3130, -14.9443, -13.4295.



This preview shows how white text looks on a background with the YUV color 60.3130, -14.9443, -13.4295.

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

60.3130, -14.9443, -13.4295

Protanopia

64.6470, -18.0670, 8.2026

Deuteranopia

65.2610, -15.9047, 14.6801



Tritanopia

64.6010, 5.1267, -11.0511

Trichromacy



Original Color

60.3130, -14.9443, -13.4295

Protanomaly

63.2330, -16.8769, -0.2043

Deuteranomaly

63.6080, -15.5827, 4.7288

Tritanomaly

63.0540, -1.9986, -12.3254

Monochromacy



Original Color

60.3130, -14.9443, -13.4295

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

60.1860, -5.5147, -4.5481

CSS Examples

Text

The CSS property to change the color of the text to YUV 60.3130, -14.9443, -13.4295 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, 74, 30)` looks like.

```
.text, #text, p{  
    color:rgb(45, 74, 30)  
}
```

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, 74, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 74, 30) }
```

Border

The CSS property to change the border of an element to YUV 60.3130, -14.9443, -13.4295 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, 74, 30) }
```


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

```
.border{ border-color:rgb(45, 74, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 74, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 74, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 74, 30);  
box-shadow:4px 4px 4px 4px rgb(45, 74, 30)  
}
```

Background

The CSS property to change the background color of an element to YUV 60.3130, -14.9443, -13.4295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 74, 30) }
```

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

```
.background{ background-color: rgb(45, 74,  
30) }
```

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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