

Converting Colors

YUV(41.4600, -14.5238, -8.2964)

Have a look what the booklet for
YUV(41.4600, -14.5238, -8.2964)
contains.

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Color

**YUV(41.4600, -14.5238,
-8.2964)**

Conversions

Conversions Part 1

Format	Color
Hex	20340C
RGB	32, 52, 12
RGB Percent	13%, 20%, 5%
CMY	0.8745, 0.7961, 0.9529
CMYK	0.38, 0.00, 0.77, 0.80
HSL	90°, 62%, 13%
HSV	90°, 77%, 20%
XYZ	1.8900, 2.7896, 0.7867
YIQ	41.4600, 0.9200, -16.6800

Conversions

Conversions Part 2

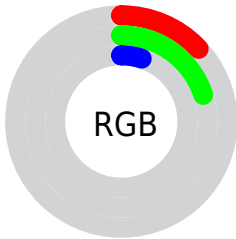
Format	Color
R_{YB}	12, 52, 32
Decimal	2110476
CIE _{Lab}	19.18, -16.18, 21.82
CIE _{LCh}	19, 27.164, 126.561
Yxy	2.7896, 0.3458, 0.5103
Android (android.graphics.Color)	4280300556 (0xFF20340C)
YUV	41.4600, -14.5238, -8.2964
Hunter-Lab	16.7021, -9.0296, 8.8990

Details

The YUV color **41.4600, -14.5238, -8.2964** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **22.5400, 14.5238, 8.2964**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **87.8190, -15.6868, -8.6113**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **39.9930, -16.2655, -9.6409**, and if you desaturate by 10%, it is **42.9270, -12.7820, -6.9520**.

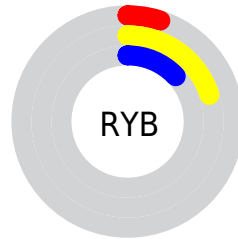
Distribution



Red (13%)

Green (20%)

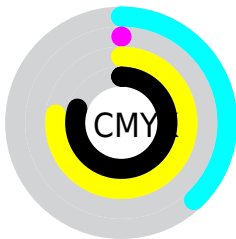
Blue (5%)



Red (5%)

Yellow (20%)

Blue (13%)

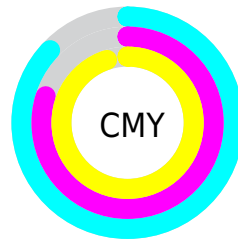


Cyan (38%)

Magenta (0%)

Yellow (77%)

Black (80%)



Cyan (87%)

Magenta (80%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.4600, -14.5238, -8.2964 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 41.4600, -14.5238, -8.2964 by changing the saturation by 10% instead.

■ 41.4600, -14.5238,
-8.2964

■ 41.4600, -14.5238,
-8.2964

■ 253.0620, -7.4256,
1.6996

■ 20.8880, -10.2978,
-10.4258

■ 87.8190, -15.6868,
-8.6113

■ 0.0000, 0.0000,
0.0000

■ 112.2920,
-16.4130, -9.0261


■ 137.5910,
-16.5604, -8.4113


■ 164.0640,
-17.2866, -8.8261


■ 191.5370,
-18.0127, -9.2409


■ 219.4230,


-18.4495, -9.1410


 244.4880,
-17.0026, -6.5670


 41.4600, -14.5238,
-8.2964


 41.4600, -14.5238,
-8.2964


 39.9930, -16.2655,
-9.6409


 42.9270, -12.7820,
-6.9520


 38.8250, -18.1547,
-10.3705

 44.0950, -10.8928,
-6.2223

 38.2980, -18.8809,
-10.7853

 45.6760, -8.7143,
-4.9779

 46.8440, -6.8251,
-4.2482

 48.3110, -5.0833,
-2.9037

■ 49.7780, -3.3416,
-1.5593

■ 50.9460, -1.4524,
-0.8296

■ 52.5270, 0.7262,
0.4148

■ 53.6950, 2.6154,
1.1445

Harmonies

Analogous

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



43.5500, -20.9771, 8.2877



41.4600, -14.5238, -8.2964



35.7050, -2.8126, -31.3133

Triad

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



41.4600, -14.5238, -8.2964



40.5730, 20.9165, -35.5825



45.8560, -1.4080, 31.6983

Complementary

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



41.4600, -14.5238, -8.2964



22.5400, 14.5238, 8.2964

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.



47.5050, 7.6390, 23.2361



41.4600, -14.5238, -8.2964



40.0840, 22.6366, -27.2607

Square

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



41.4600, -14.5238, -8.2964



40.2650, 14.6594, -35.3124



47.6320, 14.9714, 4.7077



45.4400, -10.5699, 30.3091

Rectangle

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



41.4600, -14.5238, -8.2964



37.8880, 3.0132, -33.2278



47.6320, 14.9714, 4.7077



46.3550, 1.7970, 30.3837

Sweetspot

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



41.4600, -14.5238, -8.2964



64.7840, -5.8095, -3.3186



35.7000, -11.6841, 14.2951



33.3650, -3.6309, -2.0741



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.



41.4600, -14.5238, -8.2964



52.2500, -22.8012, -13.3742



35.4800, -11.5756, -20.5920



25.0600, -1.0156, -0.9296



65.6980, -32.3891, -18.1521



159.6710, -78.7178, -45.3155

Inverse Universe

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



22.5400, 14.5238, 8.2964



22.4510, 22.9487, 12.7595



28.5200, 11.5756, 20.5920



23.6410, 1.1630, 0.3148



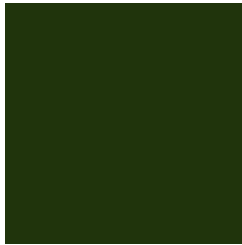
23.6010, 32.2417, 18.7669



57.0300, 78.8652, 44.7007

Previews

White Background



This preview shows how the YUV color 41.4600, -14.5238, -8.2964 looks on a white background.

Color Contrast Check

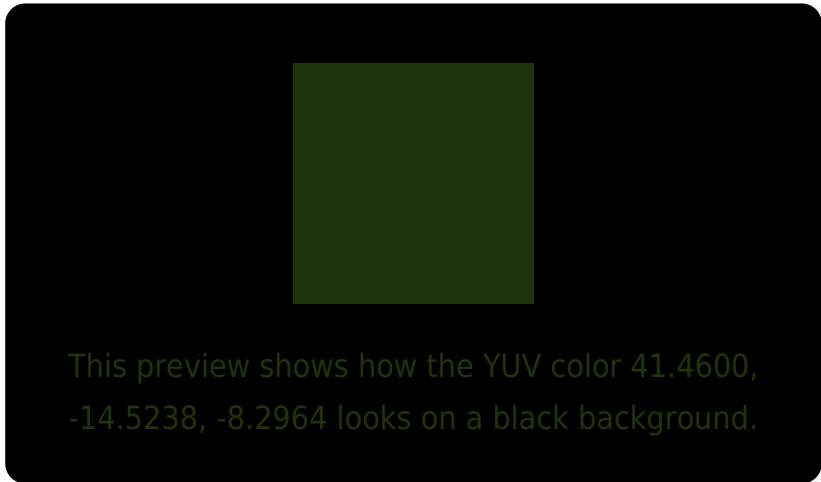
Large Text (above 18pt) WCAG AA ✓ Pass

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

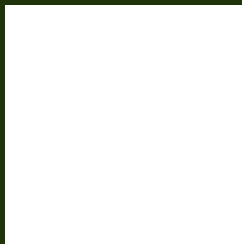
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 41.4600, -14.5238, -8.2964

Background



This preview shows how black text looks on a background with the YUV color 41.4600, -14.5238, -8.2964.



This preview shows how white text looks on a background with the YUV color 41.4600, -14.5238, -8.2964.

-8.2964.

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

41.4600, -14.5238, -8.2964

Protanopia

44.3910, -16.4618, 6.6731

Deuteranopia

44.8800, -14.7308, 11.5062



Tritanopia

45.4660, 3.2213, -6.5477

Trichromacy



Original Color

41.4600, -14.5238, -8.2964

Protanomaly

43.4720, -16.0087, 1.3401

Deuteranomaly

43.8360, -14.7091, 4.5288

Tritanomaly

43.7450, -3.3253, -6.7924

Monochromacy



Original Color

41.4600, -14.5238, -8.2964

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

41.1970, -5.5201, -2.8038

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.4600, -14.5238, -8.2964 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(32, 52, 12)` looks like.

```
.text, #text, p{  
    color:rgb(32, 52, 12)  
}
```

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(32, 52, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 52, 12) }
```

Border

The CSS property to change the border of an element to YUV 41.4600, -14.5238, -8.2964 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(32, 52, 12) }
```


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

```
.border{ border-color:rgb(32, 52, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 52, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 52, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 52, 12);  
box-shadow:4px 4px 4px 4px rgb(32, 52, 12)  
}
```

Background

The CSS property to change the background color of an element to YUV 41.4600, -14.5238, -8.2964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 52, 12) }
```

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

```
.background{ background-color: rgb(32, 52,  
12) }
```

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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