

Converting Colors

YUV(84.5590, -38.2366, -9.2602)

Have a look what the booklet for
YUV(84.5590, -38.2366, -9.2602)
contains.

YUV(84.5590, -38.2366, -9.2602)	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(84.5590, -38.2366,
-9.2602)**

Conversions

Conversions Part 1

Format	Color
Hex	4A6907
RGB	74, 105, 7
RGB Percent	29%, 41%, 3%
CMY	0.7098, 0.5882, 0.9725
CMYK	0.30, 0.00, 0.93, 0.59
HSL	79°, 87%, 22%
HSV	79°, 93%, 41%
XYZ	7.9140, 11.5743, 2.0180
YIQ	84.5590, 12.9820, -37.0500

Conversions

Conversions Part 2

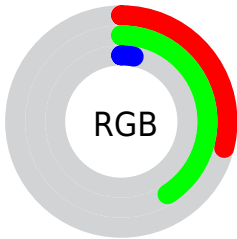
Format	Color
R_{YB}	7, 105, 38
Decimal	4876551
CIE Lab	40.53, -25.34, 44.54
CIE LCh	41, 51.242, 119.632
Yxy	11.5743, 0.3680, 0.5382
Android (android.graphics.Color)	4283066631 (0xFF4A6907)
YUV	84.5590, -38.2366, -9.2602
Hunter-Lab	34.0211, -18.0143, 20.2979

Details

The YUV color $84.5590, -38.2366, -9.2602$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $27.4410, 38.2366, 9.2602$, and the grayscale version is $85.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $136.4280, -36.2000, -9.1454$, and $40.3360, -19.8856, -15.2037$ is the 20% darker color. If you saturate the color by 10%, you get $83.1630, -40.9994, -9.7900$, and if you desaturate by 10%, it is $86.7100, -33.8740, -8.5157$.

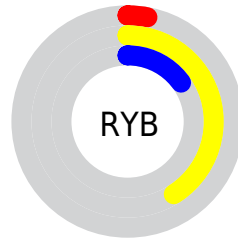
Distribution



Red (29%)

Green (41%)

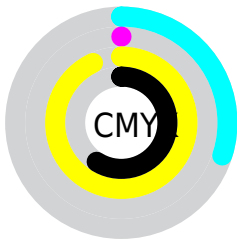
Blue (3%)



Red (3%)

Yellow (41%)

Blue (15%)

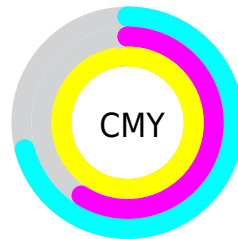


Cyan (30%)

Magenta (0%)

Yellow (93%)

Black (59%)



Cyan (71%)

Magenta (59%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.5590, -38.2366, -9.2602 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 84.5590, -38.2366, -9.2602 by changing the saturation by 10% instead.

■ 84.5590, -38.2366,
-9.2602

■ 84.5590, -38.2366,
-9.2602

■ 254.7720, -0.8736,
0.2000

■ 62.1980, -30.6636,
-11.5746

■ 136.4280,
-36.2000, -9.1454

■ 40.3360, -19.8856,
-15.2037

■ 163.2000,
-37.0736, -8.9454

■ 21.1320, -10.4181,
-18.5328

■ 190.9720,
-37.9472, -8.7454

■ 2.3480, -1.1576,
-2.0592


■ 218.7440,
-38.8208, -8.5455


■ 0.0000, 0.0000,
0.0000


■ 239.9990,
-35.4955, -1.7531


■ 248.1600,


-26.2079, 5.9987


 251.4660,
-13.5407, 3.0993


 84.5590, -38.2366,
-9.2602


 84.5590, -38.2366,
-9.2602


 83.1630, -40.9994,
-9.7900

 86.7100, -33.8740,
-8.5157

 89.0460, -30.0957,
-7.0563

 91.1970, -25.7331,
-6.3118

 93.2340, -21.8074,
-5.4672

 95.5700, -18.0290,
-4.0079

■ 97.7210, -13.6665,
-3.2633

■ 99.8720, -9.3039,
-2.5187

■ 102.2080, -5.5255,
-1.0594

■ 104.3590, -1.1630,
-0.3148

Harmonies

Analogous

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



89.2750, -44.0126, 23.4378



84.5590, -38.2366, -9.2602



71.4440, -10.5719, -62.6564

Triad

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



84.5590, -38.2366, -9.2602



83.7220, 41.5491, -73.4242



91.3410, 3.2829, 67.2299

Complementary

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



84.5590, -38.2366, -9.2602



27.4410, 38.2366, 9.2602

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.



96.7690, 20.8199, 42.2986



84.5590, -38.2366, -9.2602



79.8070, 49.3951, -69.9907

Square

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



84.5590, -38.2366, -9.2602



82.4220, 26.4140, -72.2841



96.6690, 35.6592, -4.0947



90.4770, -16.5042, 67.1107

Rectangle

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



84.5590, -38.2366, -9.2602



75.9240, 1.5165, -66.5853



96.6690, 35.6592, -4.0947



93.2030, 9.2669, 61.2120

Sweetspot

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



84.5590, -38.2366, -9.2602



129.9660, -15.2662, -3.4782



53.3250, -22.8382, 45.3190



63.8720, -9.3039, -2.5187



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



84.5590, -38.2366, -9.2602



109.1120, -53.7922, -13.2532



70.5060, -31.3085, -38.1548



52.7180, -2.3260, -0.6297



92.5990, -45.6513, -11.0493



193.7480, -95.5178, -23.4580

Inverse Universe

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



27.4410, 38.2366, 9.2602



28.8880, 53.7922, 13.2532



41.4940, 31.3085, 38.1548



49.2820, 2.3260, 0.6297



24.4010, 45.6513, 11.0493



50.9530, 95.6652, 22.8432

Previews

White Background



This preview shows how the YUV color 84.5590, -38.2366, -9.2602 looks on a white background.

Color Contrast Check

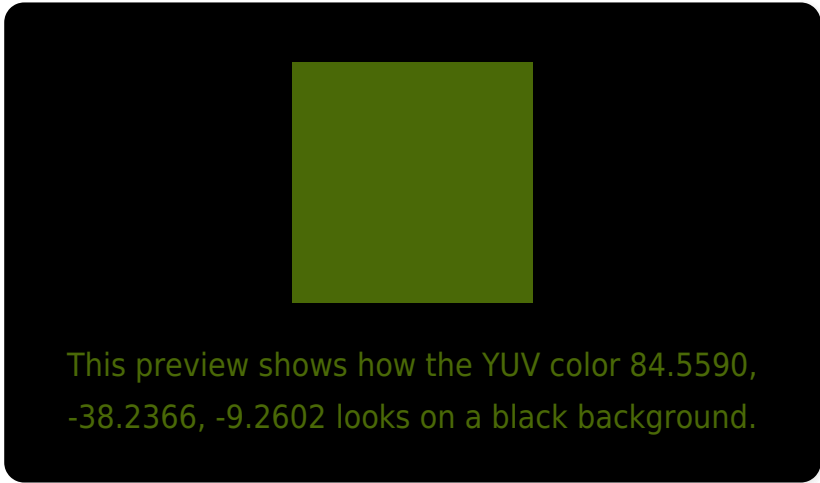
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

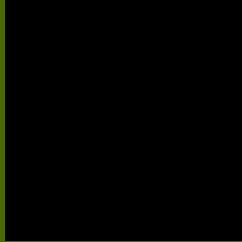
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.5590, -38.2366, -9.2602

Background



This preview shows how black text looks on a background with the YUV color 84.5590, -38.2366, -9.2602.



This preview shows how white text looks on a background with the YUV color 84.5590, -38.2366, -9.2602.

-9.2602.

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

84.5590, -38.2366, -9.2602

Protanopia

88.6440, -43.7015, 16.9752

Deuteranopia

91.1040, -34.5613, 25.3418



Tritanopia

94.6120, 5.1213, -9.3067

Trichromacy



Original Color

84.5590, -38.2366, -9.2602

Protanomaly

87.1590, -41.4904, 7.7536

Deuteranomaly

88.3860, -35.6863, 12.8165

Tritanomaly

91.0730, -10.8820, -9.7110

Monochromacy



Original Color

84.5590, -38.2366, -9.2602

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.7210, -13.6665, -3.2633

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.5590, -38.2366, -9.2602 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(74, 105, 7)` looks like.

```
.text, #text, p{  
    color:rgb(74, 105, 7)  
}
```

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(74, 105, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 105, 7) }
```

Border

The CSS property to change the border of an element to YUV 84.5590, -38.2366, -9.2602 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(74, 105, 7) }
```


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

```
.border{ border-color:rgb(74, 105, 7) }
```

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

Here you see how a box with a 4 pixel rgb(74, 105, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 105, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 105, 7);  
box-shadow:4px 4px 4px 4px rgb(74, 105, 7)  
}
```

Background

The CSS property to change the background color of an element to YUV 84.5590, -38.2366, -9.2602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 105, 7) }
```

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

```
.background{ background-color: rgb(74, 105,  
7) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor