

Converting Colors

YUV(67.7580, -20.0937,
-41.8838)

Have a look what the booklet for
YUV(67.7580, -20.0937, -41.8838)
contains.

YUV(67.7580, -20.0937, -41.8838)	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(67.7580, -20.0937,
-41.8838)**

Conversions

Conversions Part 1

Format	Color
Hex	14641B
RGB	20, 100, 27
RGB Percent	8%, 39%, 11%
CMY	0.9216, 0.6078, 0.8941
CMYK	0.80, 0.00, 0.73, 0.61
HSL	125°, 67%, 24%
HSV	125°, 80%, 39%
XYZ	5.0435, 9.3422, 2.5743
YIQ	67.7580, -24.2470, -39.6630

Conversions

Conversions Part 2

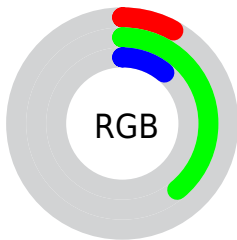
Format	Color
R_{YB}	20, 94, 100
Decimal	1336347
CIE _{Lab}	36.63, -38.99, 33.35
CIE _{LCh}	37, 51.303, 139.457
Yxy	9.3422, 0.2974, 0.5508
Android (android.graphics.Color)	4279526427 (0xFF14641B)
YUV	67.7580, -20.0937, -41.8838
Hunter-Lab	30.5650, -24.0347, 16.4018

Details

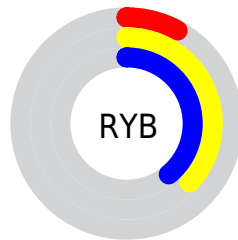
The YUV color **67.7580, -20.0937, -41.8838** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **52.2420, 20.0937, 41.8838**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.3950, -22.8727, -37.1804**, and **30.5240, -15.0483, -26.7695** is the 20% darker color. If you saturate the color by 10%, you get **63.7420, -22.5508, -47.1317**, and if you desaturate by 10%, it is **71.7740, -17.6366, -36.6358**.

Distribution



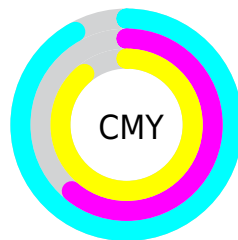
- Red (8%)
- Green (39%)
- Blue (11%)



- Red (8%)
- Yellow (37%)
- Blue (39%)



- Cyan (80%)
- Magenta (0%)
- Yellow (73%)
- Black (61%)



- Cyan (92%)
- Magenta (61%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.7580, -20.0937, -41.8838 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 67.7580, -20.0937, -41.8838 by changing the saturation by 10% instead.

■ 67.7580, -20.0937,
-41.8838

■ 67.7580, -20.0937,
-41.8838

255.0000, 0.0000,
0.0000

■ 44.1390, -21.2675,
-38.7099

■ 121.3950,
-22.8727, -37.1804

■ 30.5240, -15.0483,
-26.7695

■ 147.8680,
-23.5989, -37.5952

■ 18.1970, -8.9711,
-15.9588

■ 175.5260,
-24.9093, -37.2953

■ 0.0000, 0.0000,
0.0000

■ 203.1130,
-25.1987, -37.8101

■ 226.3030,
-23.3204, -33.5917

■ 238.1660,

-15.3648, -18.5626

■ 250.0290, -7.4093,
-3.5334

■ 67.7580, -20.0937,
-41.8838

■ 67.7580, -20.0937,
-41.8838

■ 63.7420, -22.5508,
-47.1317

■ 71.7740, -17.6366,
-36.6358

■ 59.7260, -25.0079,
-52.3797

■ 75.7900, -15.1795,
-31.3878

■ 79.8060, -12.7224,
-26.1399

■ 83.9360, -9.8284,
-20.9919

■ 87.9520, -7.3713,
-15.7439

■ 91.9680, -4.9142,
-10.4959

■ 95.9840, -2.4571,
-5.2480

■ 100.0000, 0.0000,
0.0000

■ 104.0160, 2.4571,
5.2480

Harmonies

Analogous

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



77.6250, -38.2691, 1.2059



67.7580, -20.0937, -41.8838



69.0280, 0.4792, -60.5376

Triad

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



67.7580, -20.0937, -41.8838



74.9170, 45.8899, -65.7022



79.4370, -9.0894, 68.8998

Complementary

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



67.7580, -20.0937, -41.8838



52.2420, 20.0937, 41.8838

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.



82.4310, 10.1405, 61.0120



67.7580, -20.0937, -41.8838



81.8940, 40.9713, -27.9710

Square

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



67.7580, -20.0937, -41.8838



76.7460, 35.1282, -67.3062



88.5330, 25.3732, 28.4736



81.7840, -28.9805, 55.4404

Rectangle

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



67.7580, -20.0937, -41.8838



72.9210, 12.8569, -63.9517



88.5330, 25.3732, 28.4736



79.5710, -2.2535, 69.6592

Sweetspot

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



67.7580, -20.0937, -41.8838



117.5390, -7.6607, -16.2587



88.7870, -33.9120, 3.6948



58.3810, -4.6248, -9.9811



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



67.7580, -20.0937, -41.8838



79.6290, -31.3691, -65.4496



72.3180, -2.6218, -45.8829



48.9350, -1.4470, -2.5740



68.6450, -28.9120, -60.2017



144.4480, -60.8599, -126.6809

Inverse Universe

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



52.2420, 20.0937, 41.8838



55.3710, 31.3691, 65.4496



47.6820, 2.6218, 45.8829



48.0650, 1.4470, 2.5740



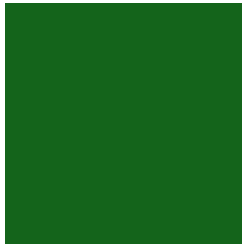
46.3550, 28.9120, 60.2017



97.5520, 60.8599, 126.6809

Previews

White Background



This preview shows how the YUV color 67.7580, -20.0937, -41.8838 looks on a white background.

Color Contrast Check

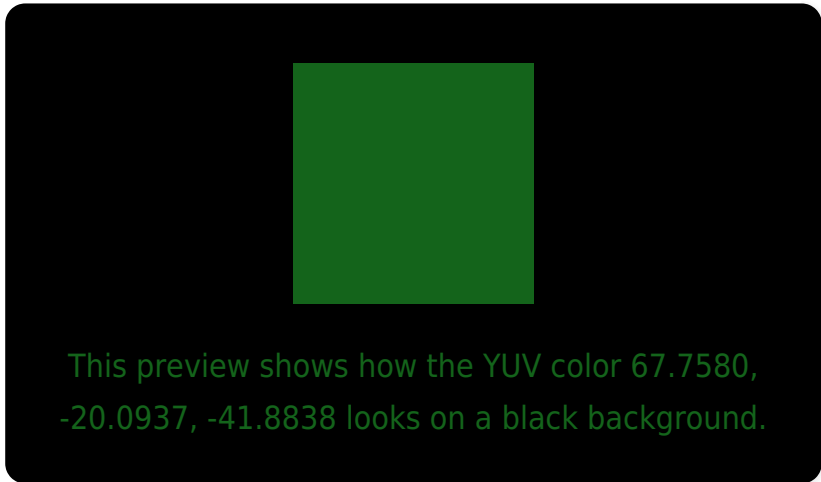
Large Text (above 18pt) WCAG AA ✓ Pass

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 67.7580, -20.0937, -41.8838

Background



This preview shows how black text looks on a background with the YUV color 67.7580, -20.0937, -41.8838.



This preview shows how white text looks on a background with the YUV color 67.7580, -20.0937, -41.8838.

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

67.7580, -20.0937, -41.8838

Protanopia

81.8080, -28.9923, 12.4464

Deuteranopia

84.0030, -24.6515, 20.1684



Tritanopia

79.5600, 10.5699, -30.3091

Trichromacy



Original Color

67.7580, -20.0937, -41.8838

Protanomaly

76.4850, -25.8751, -7.4413

Deuteranomaly

78.2020, -23.2706, -2.8082

Tritanomaly

75.5520, -0.7651, -34.6871

Monochromacy



Original Color

67.7580, -20.0937, -41.8838

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

68.2510, -7.5187, -15.1291

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.7580, -20.0937, -41.8838 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(20, 100, 27)` looks like.

```
.text, #text, p{  
    color:rgb(20, 100, 27)  
}
```

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(20, 100, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 100, 27) }
```

Border

The CSS property to change the border of an element to YUV 67.7580, -20.0937, -41.8838 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(20, 100, 27) }
```


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

```
.border{ border-color:rgb(20, 100, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 100, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 100, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 100, 27);  
box-shadow:4px 4px 4px 4px rgb(20, 100,  
27) }
```

Background

The CSS property to change the background color of an element to YUV 67.7580, -20.0937, -41.8838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 100, 27) }
```

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

```
.background{ background-color: rgb(20, 100,  
27) }
```

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