

Converting Colors

YUV(44.9540, -20.6833,
-39.4247)

Have a look what the booklet for
YUV(44.9540, -20.6833, -39.4247)
contains.

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Color

**YUV(44.9540, -20.6833,
-39.4247)**

Conversions

Conversions Part 1

Format	Color
Hex	004C03
RGB	0, 76, 3
RGB Percent	0%, 30%, 1%
CMY	1.0000, 0.7020, 0.9882
CMYK	1.00, 0.00, 0.96, 0.70
HSL	122°, 100%, 15%
HSV	122°, 100%, 30%
XYZ	2.6009, 5.1755, 0.9480
YIQ	44.9540, -21.8630, -38.8150

Conversions

Conversions Part 2

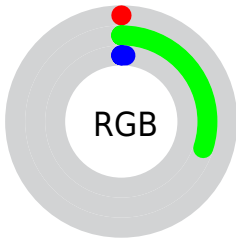
Format	Color
RYB	0, 73, 76
Decimal	19459
CIELab	27.23, -35.66, 33.39
CIELCh	27, 48.850, 136.886
Yxy	5.1755, 0.2981, 0.5932
Android (android.graphics.Color)	4278209539 (0xFF004C03)
YUV	44.9540, -20.6833, -39.4247
Hunter-Lab	22.7496, -19.4046, 13.4540

Details

The YUV color **44.9540, -20.6833, -39.4247** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **31.0460, 20.6833, 39.4247**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.7270, -23.0364, -31.3326**, and **19.3710, -9.5499, -16.9884** is the 20% darker color. If you saturate the color by 10%, you get **44.9540, -20.6833, -39.4247**, and if you desaturate by 10%, it is **48.1440, -18.8050, -35.2063**.

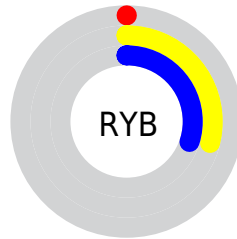
Distribution



Red (0%)

Green (30%)

Blue (1%)



Red (0%)

Yellow (29%)

Blue (30%)

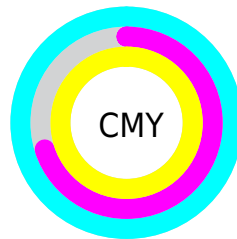


Cyan (100%)

Magenta (0%)

Yellow (96%)

Black (70%)



Cyan (100%)


Magenta (70%)


Yellow (99%)


Brightness & Saturation Gradients

These gradients show how the YUV color 44.9540, -20.6833, -39.4247 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 44.9540, -20.6833, -39.4247 by changing the saturation by 10% instead.


 44.9540, -20.6833,
-39.4247

 44.9540, -20.6833,
-39.4247

 252.9480, -7.8624,
1.7996


 30.5240, -15.0483,
-26.7695


 98.7270, -23.0364,
-31.3326


 19.3710, -9.5499,
-16.9884

 124.4990,
-23.9100, -31.1326

 0.0000, 0.0000,
0.0000


 150.9720,
-24.6362, -31.5474


 178.4450,
-25.3624, -31.9623


 206.2170,
-26.2360, -31.7623


 229.5210,


-23.9209, -27.6439


 241.2700,
-16.4021, -12.5148


 44.9540, -20.6833,
-39.4247

 48.1440, -18.8050,
-35.2063

 51.1490, -16.3425,
-31.7027

 54.3390, -14.4641,
-27.4843

 57.2300, -12.4384,
-23.8807

 60.4200, -10.5601,
-19.6623

■ 63.7240, -8.2449,
-15.5439

■ 66.6150, -6.2192,
-11.9404

■ 69.8050, -4.3409,
-7.7220

■ 72.8100, -1.8783,
-4.2184

Harmonies

Analogous

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



58.7420, -28.9598, 1.9803



44.9540, -20.6833, -39.4247



51.6170, -2.7692, -45.2681

Triad

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



44.9540, -20.6833, -39.4247



59.1700, 38.8632, -51.8921



52.7940, -3.8424, 65.9557

Complementary

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



44.9540, -20.6833, -39.4247



31.0460, 20.6833, 39.4247

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.



56.9790, 12.3354, 57.0234



44.9540, -20.6833, -39.4247



52.0120, 41.8991, -45.6145

Square

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



44.9540, -20.6833, -39.4247



59.9390, 29.1171, -52.5665



65.0870, 25.1001, 22.7257



58.0870, -25.1859, 51.6667

Rectangle

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



44.9540, -20.6833, -39.4247



55.1680, 8.2982, -48.3823



65.0870, 25.1001, 22.7257



51.2270, 2.8461, 67.3299

Sweetspot

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



44.9540, -20.6833, -39.4247



87.1370, -7.9555, -15.0291



66.4390, -32.7544, 5.7540



43.5660, -5.2090, -9.2664



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



44.9540, -20.6833, -39.4247



58.5690, -26.9025, -51.3650



49.2860, -4.0850, -43.2238



36.4620, -0.7208, -2.1592



60.3300, -27.7707, -52.9094



136.0360, -62.6287, -119.3036

Inverse Universe

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



31.0460, 20.6833, 39.4247



40.5450, 27.3393, 51.2650



26.7140, 4.0850, 43.2238



35.6520, 1.1576, 2.0592



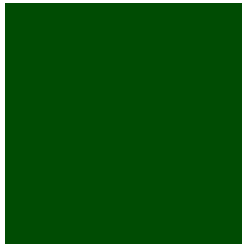
41.6700, 27.7707, 52.9094



93.8500, 62.1919, 119.4036

Previews

White Background



This preview shows how the YUV color 44.9540, -20.6833, -39.4247 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 44.9540, -20.6833, -39.4247

Background



This preview shows how black text looks on a background with the YUV color 44.9540, -20.6833, -39.4247.



This preview shows how white text looks on a background with the YUV color 44.9540, -20.6833, -39.4247.

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



Protanopia

59.9820, -29.5711, 11.4168

Deuteranopia

62.8500, -22.6041, 16.7945

Tritanopia

59.9090, 7.9329, -24.4762

Trichromacy



Protanomaly

54.3710, -26.3119, -7.3414

Deuteranomaly

56.2450, -21.8128, -3.7229

Tritanomaly

54.4170, -2.6706, -30.1837

Monochromacy



Achromatopsia

45.0000, 0.0000, 0.0000

Achromatomaly

44.9630, -7.3768, -13.9996

CSS Examples

Text

The CSS property to change the color of the text to YUV 44.9540, -20.6833, -39.4247 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(0, 76, 3)` looks like.

```
.text, #text, p{  
    color:rgb(0, 76, 3)  
}
```

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(0, 76, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 76, 3) }
```

Border

The CSS property to change the border of an element to YUV 44.9540, -20.6833, -39.4247 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(0, 76, 3) }
```

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

```
.border{ border-color:rgb(0, 76, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 76, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 76, 3); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 76, 3); box-shadow:4px  
4px 4px 4px rgb(0, 76, 3) }
```


Background

The CSS property to change the background color of an element to YUV 44.9540, -20.6833, -39.4247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 76, 3) }
```

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

```
.background{ background-color: rgb(0, 76,  
3) }
```

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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