

# Converting Colors

YUV(53.2540, -5.5482, -40.5648)

Have a look what the booklet for  
YUV(53.2540, -5.5482, -40.5648)  
contains.

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# Color

**YUV(53.2540, -5.5482,  
-40.5648)**

# Conversions

## Conversions Part 1

Format	Color
Hex	074F2A
RGB	7, 79, 42
RGB Percent	3%, 31%, 16%
CMY	0.9725, 0.6902, 0.8353
CMYK	0.91, 0.00, 0.47, 0.69
HSL	149°, 84%, 17%
HSV	149°, 91%, 31%
XYZ	3.3015, 5.8043, 3.1368
YIQ	53.2540, -31.0350, -26.7710

# Conversions

## Conversions Part 2

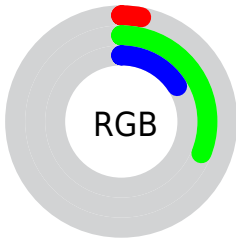
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">7, 55, 79</a>
Decimal	<a href="#">479018</a>
CIELab	<a href="#">28.91, -30.45, 16.13</a>
CIELCh	<a href="#">29, 34.457, 152.096</a>
Yxy	<a href="#">5.8043, 0.2697, 0.4741</a>
Android (android.graphics.Color)	<a href="#">4278669098 (0xFF074F2A)</a>
YUV	<a href="#">53.2540, -5.5482, -40.5648</a>
Hunter-Lab	<a href="#">24.0921, -17.7000, 9.1449</a>

# Details

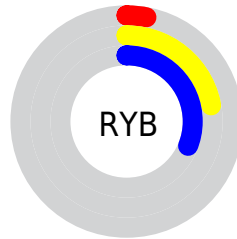
The YUV color **53.2540, -5.5482, -40.5648** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **32.7460, 5.5482, 40.5648**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.1900, -8.4747, -35.2466**, and **20.5450, -10.1287, -18.0180** is the 20% darker color. If you saturate the color by 10%, you get **50.7050, -6.2636, -44.4683**, and if you desaturate by 10%, it is **56.1020, -4.9803, -36.0465**.

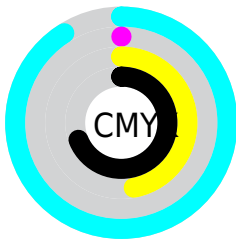
# Distribution



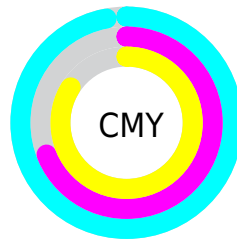
- Red (3%)
- Green (31%)
- Blue (16%)



- Red (3%)
- Yellow (22%)
- Blue (31%)



- Cyan (91%)
- Magenta (0%)
- Yellow (47%)
- Black (69%)



- Cyan (97%)
- Magenta (69%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 53.2540, -5.5482, -40.5648 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 53.2540, -5.5482, -40.5648 by changing the saturation by 10% instead.



■ 53.2540, -5.5482,  
-40.5648

■ 53.2540, -5.5482,  
-40.5648

255.0000, 0.0000,  
0.0000

■ 35.2660, -7.0331,  
-30.9283

■ 105.1900, -8.4747,  
-35.2466

■ 20.5450, -10.1287,  
-18.0180

■ 130.9620, -9.3483,  
-35.0467

■ 0.0000, 0.0000,  
0.0000


■ 157.5490, -9.6377,  
-35.5615


■ 185.0220,  
-10.3638, -35.9763


■ 213.3100,  
-10.5058, -37.1059


■ 234.1520, -7.4699,


-30.8283


 246.1290, 0.9224,  
-15.8991


 53.2540, -5.5482,  
-40.5648


 53.2540, -5.5482,  
-40.5648


 50.7050, -6.2636,  
-44.4683

 56.1020, -4.9803,  
-36.0465

 58.9500, -4.4124,  
-31.5282

 61.7980, -3.8444,  
-27.0098

 64.6460, -3.2765,  
-22.4915

 67.4940, -2.7085,  
-17.9732

■ 70.0430, -1.9932,  
-14.0697

■ 72.8910, -1.4253,  
-9.5514

■ 75.7390, -0.8573,  
-5.0331

■ 78.7010, 0.1474,  
-0.6148

# Harmonies

## Analogous

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



62.0380, -21.2177, -7.9263



53.2540, -5.5482, -40.5648



55.4130, 6.6984, -48.5972

# Triad

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



53.2540, -5.5482, -40.5648



55.4710, 32.3058, -48.6481



66.3490, -12.4971, 41.7899

# Complementary

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



53.2540, -5.5482, -40.5648



32.7460, 5.5482, 40.5648

# 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.



67.2640, -0.1302, 41.8645



53.2540, -5.5482, -40.5648



69.3310, 21.5288, 1.4637

# Square

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



53.2540, -5.5482, -40.5648



58.3090, 27.9487, -51.1370



69.9770, 11.8433, 28.0842



65.9380, -22.6474, 30.7494



# Rectangle

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



53.2540, -5.5482, -40.5648



57.4650, 14.5608, -50.3968



69.9770, 11.8433, 28.0842



66.7990, -8.2819, 43.1493

# Sweetspot

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



53.2540, -5.5482, -40.5648



92.0320, -1.9878, -15.8141



60.3270, -26.2902, -14.3188



45.3040, -1.1359, -9.0366



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.



53.2540, -5.5482, -40.5648



65.5740, -7.6780, -57.5084



57.3580, 10.1765, -44.1640



36.5760, -0.2840, -2.2592



147.7780, -17.6386, -129.6013

# Inverse Universe

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



32.7460, 5.5482, 40.5648



36.4260, 7.6780, 57.5084



28.6420, -10.1765, 44.1640



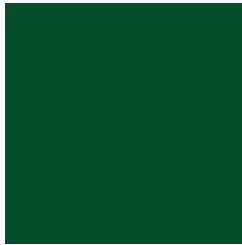
35.4240, 0.2840, 2.2592



82.2220, 17.6386, 129.6013

# Previews

## White Background



This preview shows how the YUV color 53.2540, -5.5482, -40.5648 looks on a white background.

## Color Contrast Check

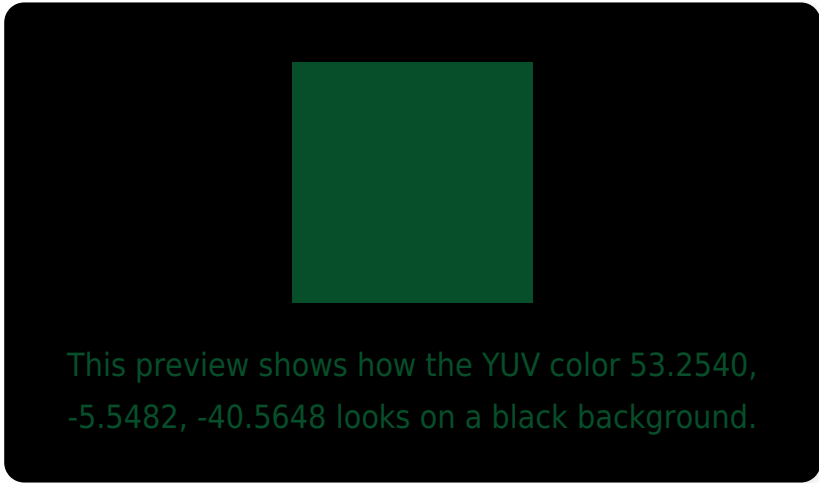
Large Text (above 18pt) WCAG AA ✓ Pass

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

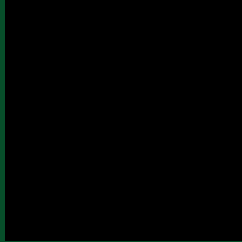
Any Text WCAG AA × Fail

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 53.2540, -5.5482, -40.5648 Background



This preview shows how black text looks on a background with the YUV color 53.2540, -5.5482, -40.5648.



This preview shows how white text looks on a background with the YUV color 53.2540, -5.5482, -40.5648.

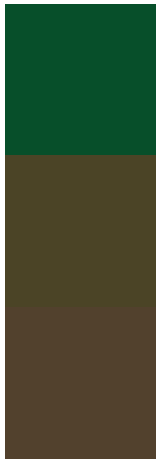


-40.5648.

# 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

53.2540, -5.5482, -40.5648

### Protanopia

66.6730, -14.1358, 7.3028

### Deuteranopia

67.8030, -11.2419, 12.4508



## Tritanopia

62.2290, 9.2541, -28.2648

# Trichromacy



## Original Color

53.2540, -5.5482, -40.5648

## Protanomaly

61.6600, -11.1714, -10.2258

## Deuteranomaly

62.5510, -9.1456, -6.6222

## Tritanomaly

58.8280, 4.0288, -32.2982

# Monochromacy



## Original Color

53.2540, -5.5482, -40.5648

## Achromatopsia

53.0000, 0.0000, 0.0000

## Achromatomaly

52.7440, -1.8458, -14.6845

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 53.2540, -5.5482, -40.5648 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(7, 79, 42)` looks like.

```
.text, #text, p{  
    color:rgb(7, 79, 42)  
}
```

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(7, 79, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 79, 42) }
```

## Border

The CSS property to change the border of an element to YUV 53.2540, -5.5482, -40.5648 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(7, 79, 42) }
```

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

```
.border{ border-color:rgb(7, 79, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 79, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 79, 42); -webkit-box-shadow:4px  
4px 4px 4px rgb(7, 79, 42); box-shadow:4px  
4px 4px 4px rgb(7, 79, 42) }
```

# Background

The CSS property to change the background color of an element to YUV 53.2540, -5.5482, -40.5648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 79, 42) }
```

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

```
.background{ background-color: rgb(7, 79,  
42) }
```

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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