

Converting Colors

YUV(40.0540, -15.3096,
10.4766)

Have a look what the booklet for
YUV(40.0540, -15.3096, 10.4766)
contains.

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Color

**YUV(40.0540, -15.3096,
10.4766)**

Conversions

Conversions Part 1

Format	Color
Hex	342809
RGB	52, 40, 9
RGB Percent	20%, 16%, 4%
CMY	0.7961, 0.8431, 0.9647
CMYK	0.00, 0.23, 0.83, 0.80
HSL	43°, 70%, 12%
HSV	43°, 83%, 20%
XYZ	2.2243, 2.2674, 0.5789
YIQ	40.0540, 17.1030, -7.0970

Conversions

Conversions Part 2

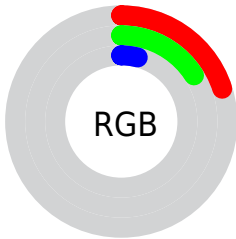
Format	Color
RYB	26, 52, 9
Decimal	3418121
CIELab	16.83, 1.50, 20.74
CIELCh	17, 20.795, 85.867
Yxy	2.2674, 0.4387, 0.4472
Android (android.graphics.Color)	4281608201 (0xFF342809)
YUV	40.0540, -15.3096, 10.4766
Hunter-Lab	15.0578, 0.0161, 8.2612

Details

The YUV color **40.0540, -15.3096, 10.4766** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **20.9460, 15.3096, -10.4766**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **85.8370, -16.1886, 12.4210**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **38.8970, -17.2042, 11.4913**, and if you desaturate by 10%, it is **41.2110, -13.4150, 9.4620**.

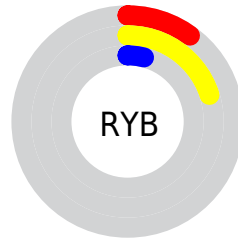
Distribution



Red (20%)

Green (16%)

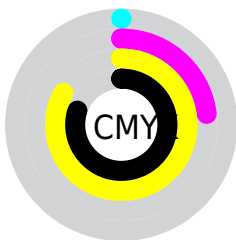
Blue (4%)



Red (10%)

Yellow (20%)

Blue (4%)

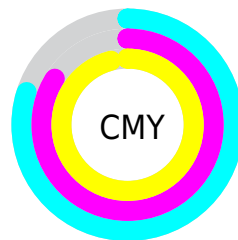


Cyan (0%)

Magenta (23%)

Yellow (83%)

Black (80%)



Cyan (80%)

Magenta (84%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.0540, -15.3096, 10.4766 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 40.0540, -15.3096, 10.4766 by changing the saturation by 10% instead.

■ 40.0540, -15.3096,
10.4766

■ 40.0540, -15.3096,
10.4766

■ 252.6060, -9.1728,
2.0995

■ 20.7100, -10.2100,
8.1473

■ 85.8370, -16.1886,
12.4210

■ 0.0000, 0.0000,
0.0000

■ 110.3210,
-16.9203, 13.7505


■ 135.5060,
-17.5045, 14.4652


■ 161.8050,
-17.6519, 15.0800


■ 188.9900,
-18.2361, 15.7948


■ 217.0610,


-19.2571, 16.6095


 242.9570,
-18.2198, 10.5617


 40.0540, -15.3096,
10.4766


 40.0540, -15.3096,
10.4766


 38.8970, -17.2042,
11.4913


 41.2110, -13.4150,
9.4620

 37.2670, -18.3726,
12.9208

 42.9550, -11.8098,
7.9325

 44.2260, -9.4784,
6.8178

 45.9700, -7.8732,
5.2883

 47.1270, -5.9786,
4.2736

■ 48.8710, -4.3734,
2.7441

■ 50.0280, -2.4788,
1.7294

■ 51.8860, -0.4368,
0.1000

■ 53.0430, 1.4578,
-0.9147

Harmonies

Analogous

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



40.7330, -11.7004, 19.5282



40.0540, -15.3096, 10.4766



38.9600, -12.7983, -1.7189

Triad

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



40.0540, -15.3096, 10.4766



34.9190, 9.4069, -30.6240



43.3250, 7.2348, 12.8700

Complementary

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



40.0540, -15.3096, 10.4766



20.9460, 15.3096, -10.4766

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.



41.7190, 12.9565, -2.3846



40.0540, -15.3096, 10.4766



35.1130, 15.2273, -30.7941

Square

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



40.0540, -15.3096, 10.4766



33.2090, 2.8550, -29.1243



35.4170, 17.5424, -26.6757



42.3710, 0.8031, 22.4766

Rectangle

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



40.0540, -15.3096, 10.4766



37.6430, -8.6980, -10.2109



35.4170, 17.5424, -26.6757



42.8730, 9.4296, 8.8814

Sweetspot

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



40.0540, -15.3096, 10.4766



64.1270, -5.9786, 4.2736



23.2250, -1.0969, 25.2357



32.9850, -3.9366, 2.6442



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.



40.0540, -15.3096, 10.4766



50.0950, -24.2038, 16.5797



44.4070, -17.4557, -1.2339



25.0710, -1.0210, 0.8147



64.1790, -31.6402, 21.7680



156.4550, -77.1323, 53.0980

Inverse Universe

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



20.9460, 15.3096, -10.4766



19.9050, 24.2038, -16.5797



16.5930, 17.4557, 1.2339



23.9290, 1.0210, -0.8147



24.8210, 31.6402, -21.7680



59.9580, 77.4217, -52.5832

Previews

White Background



This preview shows how the YUV color 40.0540, -15.3096, 10.4766 looks on a white background.

Color Contrast Check

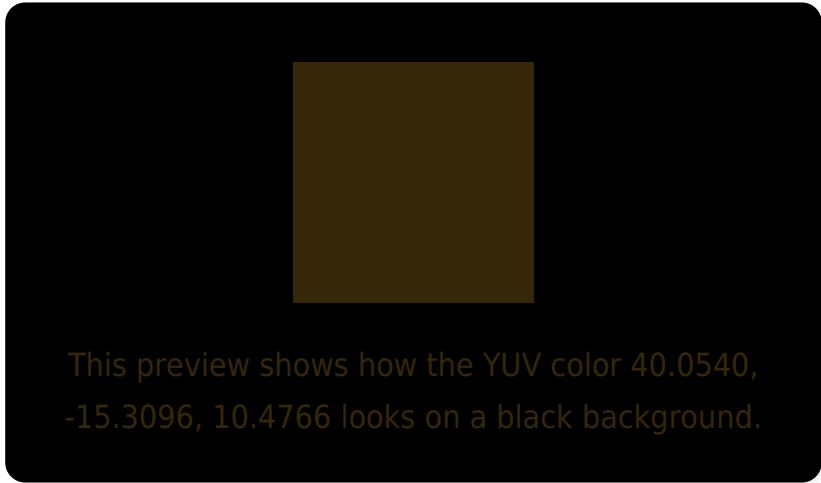
Large Text (above 18pt) WCAG AA ✓ Pass

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

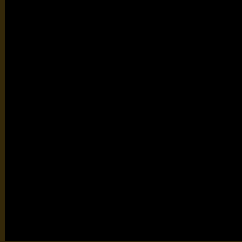
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 40.0540, -15.3096, 10.4766

Background



This preview shows how black text looks on a background with the YUV color 40.0540, -15.3096, 10.4766.

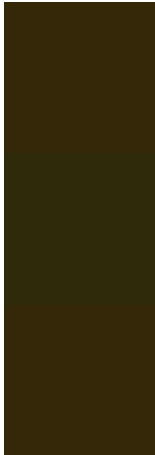


This preview shows how white text looks on a background with the YUV color 40.0540, -15.3096,

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

40.0540, -15.3096, 10.4766

Protanopia

39.8470, -14.7146, 6.2732

Deuteranopia

40.3530, -15.4570, 11.0914



Tritanopia

42.4250, -1.1955, 10.1513

Trichromacy



Original Color

40.0540, -15.3096, 10.4766

Protanomaly

39.8580, -14.7200, 8.0175

Deuteranomaly

40.3530, -15.4570, 11.0914

Tritanomaly

41.4590, -6.1423, 10.1215

Monochromacy



Original Color

40.0540, -15.3096, 10.4766

Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

39.9420, -5.3944, 3.5589

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.0540, -15.3096, 10.4766 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(52, 40, 9)` looks like.

```
.text, #text, p{  
    color:rgb(52, 40, 9)  
}
```

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(52, 40, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 40, 9) }
```

Border

The CSS property to change the border of an element to YUV 40.0540, -15.3096, 10.4766 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(52, 40, 9) }
```


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

```
.border{ border-color:rgb(52, 40, 9) }
```

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

Here you see how a box with a 4 pixel rgb(52, 40, 9) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 40, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(52, 40, 9); box-shadow:4px  
4px 4px 4px rgb(52, 40, 9) }
```

Background

The CSS property to change the background color of an element to YUV 40.0540, -15.3096, 10.4766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 40, 9) }
```

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

```
.background{ background-color: rgb(52, 40,  
9) }
```

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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