

Converting Colors

YUV(52.3840, -2.6543, -35.4168)

Have a look what the booklet for
YUV(52.3840, -2.6543, -35.4168)
contains.

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Color

**YUV(52.3840, -2.6543,
-35.4168)**

Conversions

Conversions Part 1

Format	Color
Hex	0C4A2F
RGB	12, 74, 47
RGB Percent	5%, 29%, 18%
CMY	0.9529, 0.7098, 0.8157
CMYK	0.84, 0.00, 0.36, 0.71
HSL	154°, 72%, 17%
HSV	154°, 84%, 29%
XYZ	3.1135, 5.1810, 3.5253
YIQ	52.3840, -28.2850, -21.5410

Conversions

Conversions Part 2

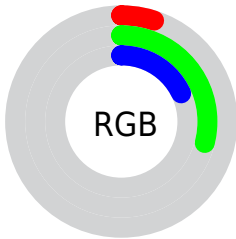
Format	Color
R_{YB}	12, 52, 74
Decimal	805423
CIE _{Lab}	27.24, -26.41, 10.81
CIE _{LCh}	27, 28.543, 157.735
Yxy	5.1810, 0.2634, 0.4383
Android (android.graphics.Color)	4278995503 (0xFF0C4A2F)
YUV	52.3840, -2.6543, -35.4168
Hunter-Lab	22.7617, -15.4167, 6.7506

Details

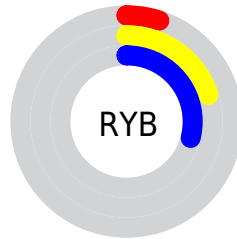
The YUV color **52.3840, -2.6543, -35.4168** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **33.6160, 2.6543, 35.4168**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.5370, -4.7017, -32.0429**, and **18.1970, -8.9711, -15.9588** is the 20% darker color. If you saturate the color by 10%, you get **49.9490, -2.9329, -39.4203**, and if you desaturate by 10%, it is **54.8190, -2.3758, -31.4133**.

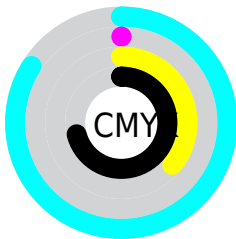
Distribution



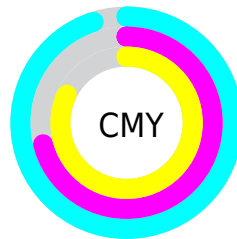
- Red (5%)
- Green (29%)
- Blue (18%)



- Red (5%)
- Yellow (20%)
- Blue (29%)



- Cyan (84%)
- Magenta (0%)
- Yellow (36%)
- Black (71%)



- Cyan (95%)
- Magenta (71%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.3840, -2.6543, -35.4168 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 52.3840, -2.6543, -35.4168 by changing the saturation by 10% instead.

■ 52.3840, -2.6543,
-35.4168

■ 52.3840, -2.6543,
-35.4168

255.0000, 0.0000,
0.0000

■ 32.9010, -3.4022,
-28.8542

■ 102.5370, -4.7017,
-32.0429

■ 18.1970, -8.9711,
-15.9588

■ 128.1240, -4.9911,
-32.5577

■ 0.0000, 0.0000,
0.0000

■ 154.5970, -5.7173,
-32.9726

■ 182.1840, -6.0067,
-33.4874

■ 209.7710, -6.2961,
-34.0022

■ 234.8360, -4.8491,

-31.4282

■ 246.5140, 3.6906,
-17.1138

■ 52.3840, -2.6543,
-35.4168

■ 52.3840, -2.6543,
-35.4168

■ 49.9490, -2.9329,
-39.4203

■ 54.8190, -2.3758,
-31.4133

■ 48.2260, -3.0694,
-42.2942

■ 57.5530, -2.2446,
-26.7950

■ 60.1020, -1.5293,
-22.8915

■ 62.8360, -1.3981,
-18.2732

■ 65.2710, -1.1196,
-14.2697

■ 67.7060, -0.8411,
-10.2662

■ 70.5540, -0.2731,
-5.7479

■ 72.9890, 0.0054,
-1.7444

■ 75.7230, 0.1366,
2.8739

Harmonies

Analogous

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



59.2210, -15.3920, -9.8408



52.3840, -2.6543, -35.4168



52.0050, 8.8715, -45.6084

Triad

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



52.3840, -2.6543, -35.4168



60.6330, 23.3519, -23.3571



63.7070, -12.1806, 33.5830

Complementary

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



52.3840, -2.6543, -35.4168



33.6160, 2.6543, 35.4168

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.



64.6500, -2.2925, 35.3869



52.3840, -2.6543, -35.4168



65.9850, 16.2764, 6.1522

Square

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



52.3840, -2.6543, -35.4168



53.5330, 24.8802, -46.9484



65.8150, 7.4862, 25.5952



62.9910, -19.7156, 23.6869

Rectangle

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



52.3840, -2.6543, -35.4168



53.6010, 14.9867, -47.0081



65.8150, 7.4862, 25.5952



63.8150, -9.2758, 35.2422

Sweetspot

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



52.3840, -2.6543, -35.4168



88.5700, -1.2670, -13.6549



56.7660, -22.0696, -14.7038



43.1300, -0.5571, -8.0070



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



52.3840, -2.6543, -35.4168



63.2090, -4.0470, -55.4343



53.7010, 10.0074, -36.5718



36.6900, 0.1528, -2.3591



66.4860, -4.1836, -58.3082



149.8300, -9.7762, -131.4009

Inverse Universe

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



33.6160, 2.6543, 35.4168



33.7910, 4.0470, 55.4343



32.2990, -10.0074, 36.5718



35.4240, 0.2840, 2.2592



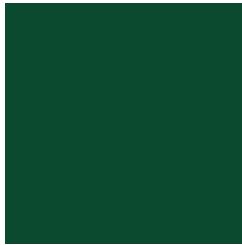
35.5140, 4.1836, 58.3082



80.1700, 9.7762, 131.4009

Previews

White Background



This preview shows how the YUV color 52.3840, -2.6543, -35.4168 looks on a white background.

Color Contrast Check

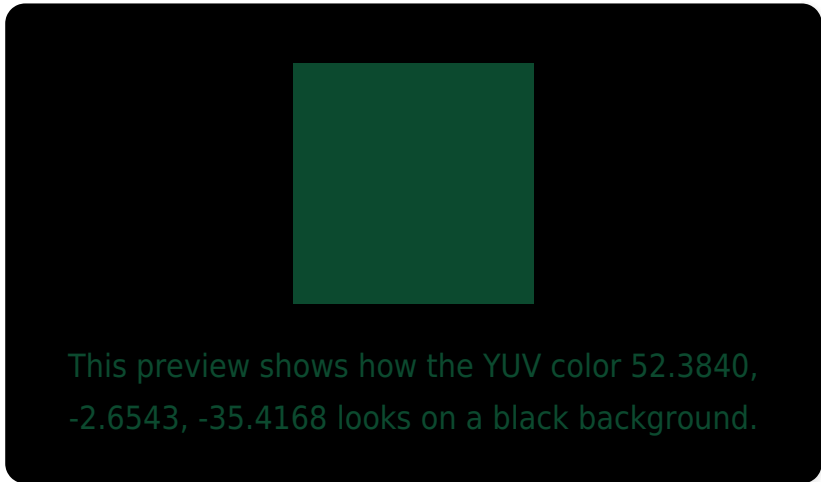
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.3840, -2.6543, -35.4168

Background



This preview shows how black text looks on a background with the YUV color 52.3840, -2.6543, -35.4168.



This preview shows how white text looks on a background with the YUV color 52.3840, -2.6543,

-35.4168.

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

52.3840, -2.6543, -35.4168

Protanopia

63.4000, -10.0572, 5.7882

Deuteranopia

64.5190, -7.1579, 9.1918



Tritanopia

58.1260, 8.8119, -26.4205

Trichromacy



Original Color

52.3840, -2.6543, -35.4168

Protanomaly

59.5830, -7.6824, -9.2813

Deuteranomaly

59.8760, -5.3619, -6.9073

Tritanomaly

55.6650, 4.6022, -29.5242

Monochromacy



Original Color

52.3840, -2.6543, -35.4168

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

51.9830, -0.9776, -13.1401

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.3840, -2.6543, -35.4168 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(12, 74, 47)` looks like.

```
.text, #text, p{  
    color:rgb(12, 74, 47)  
}
```

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(12, 74, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 74, 47) }
```

Border

The CSS property to change the border of an element to YUV 52.3840, -2.6543, -35.4168 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(12, 74, 47) }
```


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

```
.border{ border-color:rgb(12, 74, 47) }
```

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

Here you see how a box with a 4 pixel rgb(12, 74, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 74, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 74, 47);  
box-shadow:4px 4px 4px 4px rgb(12, 74, 47)  
}
```

Background

The CSS property to change the background color of an element to YUV 52.3840, -2.6543, -35.4168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 74, 47) }
```

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

```
.background{ background-color: rgb(12, 74,  
47) }
```

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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