

Converting Colors

YUV(52.3440, -8.5506, -10.8257)

Have a look what the booklet for
YUV(52.3440, -8.5506, -10.8257)
contains.

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Color

**YUV(52.3440, -8.5506,
-10.8257)**

Conversions

Conversions Part 1	
Format	Color
Hex	283E23
RGB	40, 62, 35
RGB Percent	16%, 24%, 14%
CMY	0.8431, 0.7569, 0.8627
CMYK	0.35, 0.00, 0.44, 0.76
HSL	109°, 28%, 19%
HSV	109°, 44%, 24%
XYZ	2.9011, 4.0177, 2.2127
YIQ	52.3440, -4.4450, -13.0610

Conversions

Conversions Part 2

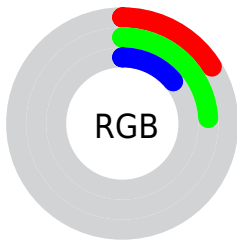
Format	Color
RYB	35, 62, 57
Decimal	2637347
CIELab	23.73, -14.99, 13.92
CIELCh	24, 20.459, 137.118
Yxy	4.0177, 0.3177, 0.4400
Android (android.graphics.Color)	4280827427 (0xFF283E23)
YUV	52.3440, -8.5506, -10.8257
Hunter-Lab	20.0442, -9.2425, 7.4859

Details

The YUV color **52.3440, -8.5506, -10.8257** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **44.6560, 8.5506, 10.8257**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.4040, -9.5662, -11.7553**, and **12.3270, -6.0772, -10.8108** is the 20% darker color. If you saturate the color by 10%, you get **50.1650, -10.4343, -13.2997**, and if you desaturate by 10%, it is **54.5230, -6.6668, -8.3517**.

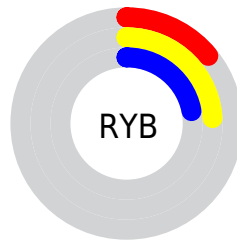
Distribution



Red (16%)

Green (24%)

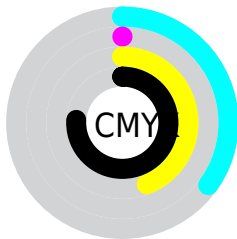
Blue (14%)



Red (14%)

Yellow (24%)

Blue (22%)

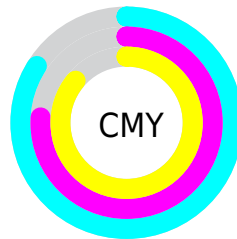


Cyan (35%)

Magenta (0%)

Yellow (44%)

Black (76%)



Cyan (84%)

Magenta (76%)


Yellow (86%)


Brightness & Saturation

Gradients


These gradients show how the YUV color 52.3440, -8.5506, -10.8257 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 52.3440, -8.5506, -10.8257 by changing the saturation by 10% instead.


 52.3440, -8.5506,
-10.8257


 52.3440, -8.5506,
-10.8257


255.0000, 0.0000,
0.0000

 30.7570, -8.2612,
-10.3109


 99.4040, -9.5662,
-11.7553


 12.3270, -6.0772,
-10.8108

 124.2900,
-10.0030, -11.6553

 0.0000, 0.0000,
0.0000

 149.8770,
-10.2924, -12.1701


 176.7630,
-10.7292, -12.0702


 204.3500,
-11.0185, -12.5849


 232.9370,


-11.3079, -13.0997


 250.3710, -6.0989,
-3.8334


 52.3440, -8.5506,
-10.8257


 52.3440, -8.5506,
-10.8257


 50.1650, -10.4343,
-13.2997


 54.5230, -6.6668,
-8.3517


 47.9860, -12.3181,
-15.7737


 56.7020, -4.7831,
-5.8777


 45.6930, -14.6386,
-18.1478

 58.9950, -2.4625,
-3.5036

 43.5140, -16.5224,
-20.6218

 61.1740, -0.5788,
-1.0296

 41.3350, -18.4062,
-23.0958

 63.3530, 1.3050,
1.4444

■ 39.6830, -19.5637,
-25.1550

■ 65.5320, 3.1887,
3.9184

■ 67.7110, 5.0725,
6.3925

■ 70.0040, 7.3930,
8.7665

■ 72.1830, 9.2768,
11.2405

Harmonies

Analogous

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



54.0530, -13.8301, 2.5845



52.3440, -8.5506, -10.8257



48.5360, 0.2288, -26.7801

Triad

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



52.3440, -8.5506, -10.8257



50.1070, 17.6952, -29.0348



57.0140, -4.4439, 25.4207

Complementary

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



52.3440, -8.5506, -10.8257



44.6560, 8.5506, 10.8257

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.



58.2290, 2.8451, 20.8472



52.3440, -8.5506, -10.8257



56.4410, 14.5726, -7.4028

Square

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



52.3440, -8.5506, -10.8257



45.8730, 15.8386, -40.2306



58.1720, 9.2822, 9.4962



56.6840, -10.6902, 22.2021

Rectangle

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



52.3440, -8.5506, -10.8257



44.4080, 7.6869, -38.9458



58.1720, 9.2822, 9.4962



57.2850, -2.1125, 24.3061

Sweetspot

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



52.3440, -8.5506, -10.8257



78.0550, -3.4781, -4.4332



55.9870, -10.3466, 5.2734



38.4080, -2.1731, -2.9888



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



52.3440, -8.5506, -10.8257



66.6330, -13.6231, -17.2181



51.7610, -4.3192, -14.6994



29.7610, -0.8682, -1.5444



60.2610, -29.7087, -37.9399



142.5730, -70.2885, -89.0795

Inverse Universe

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



44.6560, 8.5506, 10.8257



54.3670, 13.6231, 17.2181



45.2390, 4.3192, 14.6994



28.9400, 1.0156, 0.9296



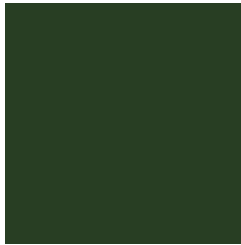
33.7390, 29.7087, 37.9399



79.4270, 70.2885, 89.0795

Previews

White Background



This preview shows how the YUV color 52.3440, -8.5506, -10.8257 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



This preview shows how the YUV color 52.3440, -8.5506, -10.8257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

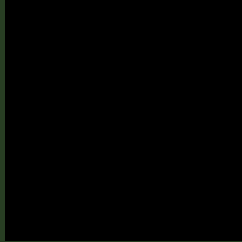
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.3440, -8.5506, -10.8257

Background



This preview shows how black text looks on a background with the YUV color 52.3440, -8.5506, -10.8257.



This preview shows how white text looks on a background with the YUV color 52.3440, -8.5506,

-10.8257.

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

52.3440, -8.5506, -10.8257

Protanopia

55.1720, -10.9308, 5.9882

Deuteranopia

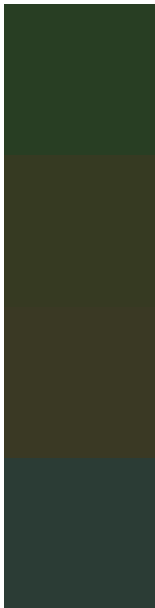
56.2480, -9.4893, 10.3065



Tritanopia

55.2700, 3.8109, -9.0068

Trichromacy



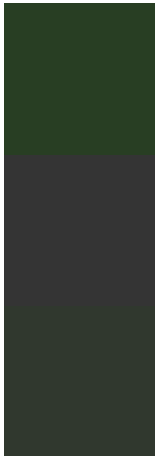
Original Color
52.3440, -8.5506, -10.8257

Protanomaly
54.0680, -9.8935, -0.0596

Deuteranomaly
54.9050, -9.3202, 2.7143

Tritanomaly
54.1190, -0.5517, -9.7514

Monochromacy



Original Color
52.3440, -8.5506, -10.8257

Achromatopsia
52.0000, 0.0000, 0.0000

Achromatomaly
52.4680, -3.1887, -3.9184

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.3440, -8.5506, -10.8257 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(40, 62, 35)` looks like.

```
.text, #text, p{  
    color:rgb(40, 62, 35)  
}
```

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(40, 62, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 62, 35) }
```

Border

The CSS property to change the border of an element to YUV 52.3440, -8.5506, -10.8257 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(40, 62, 35) }
```


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

```
.border{ border-color:rgb(40, 62, 35) }
```

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

Here you see how a box with a 4 pixel rgb(40, 62, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 62, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 62, 35);  
box-shadow:4px 4px 4px 4px rgb(40, 62, 35)  
}
```

Background

The CSS property to change the background color of an element to YUV 52.3440, -8.5506, -10.8257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 62, 35) }
```

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

```
.background{ background-color: rgb(40, 62,  
35) }
```

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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