

Converting Colors

YUV(52.8250, -18.1547,
-10.3705)

Have a look what the booklet for
YUV(52.8250, -18.1547, -10.3705)
contains.

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Color

**YUV(52.8250, -18.1547,
-10.3705)**

Conversions

Conversions Part 1	
Format	Color
Hex	294210
RGB	41, 66, 16
RGB Percent	16%, 26%, 6%
CMY	0.8392, 0.7412, 0.9373
CMYK	0.38, 0.00, 0.76, 0.74
HSL	90°, 61%, 16%
HSV	90°, 76%, 26%
XYZ	2.9562, 4.4053, 1.1847
YIQ	52.8250, 1.1500, -20.8500

Conversions

Conversions Part 2

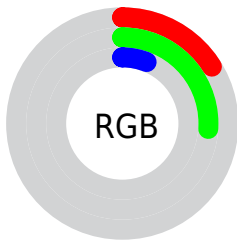
Format	Color
RYB	16, 66, 41
Decimal	2703888
CIELab	24.97, -19.35, 26.32
CIELCh	25, 32.663, 126.320
Yxy	4.4053, 0.3459, 0.5155
Android (android.graphics.Color)	4280893968 (0xFF294210)
YUV	52.8250, -18.1547, -10.3705
Hunter-Lab	20.9887, -11.5891, 11.3455

Details

The YUV color **52.8250, -18.1547, -10.3705** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **29.1750, 18.1547, 10.3705**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.4830, -19.4651, -10.0706**, and **14.6750, -7.2348, -12.8700** is the 20% darker color. If you saturate the color by 10%, you get **51.1300, -20.7701, -11.5150**, and if you desaturate by 10%, it is **54.5200, -15.5394, -9.2260**.

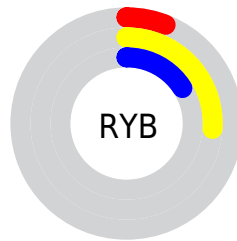
Distribution



Red (16%)

Green (26%)

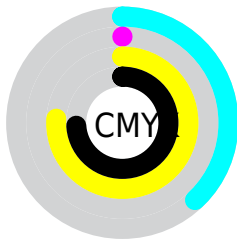
Blue (6%)



Red (6%)

Yellow (26%)

Blue (16%)

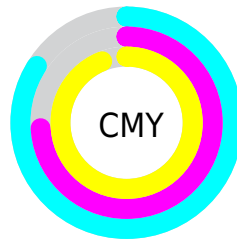


Cyan (38%)

Magenta (0%)

Yellow (76%)

Black (74%)



Cyan (84%)


Magenta (74%)


Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the YUV color 52.8250, -18.1547, -10.3705 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 52.8250, -18.1547, -10.3705 by changing the saturation by 10% instead.


 52.8250, -18.1547,
-10.3705


 52.8250, -18.1547,
-10.3705


 253.8600, -4.3680,
0.9998


 32.1070, -15.8288,
-9.7408


 100.4830,
-19.4651, -10.0706


 14.6750, -7.2348,
-12.8700

 125.9560,
-20.1913, -10.4854

 0.0000, 0.0000,
0.0000

 151.8420,
-20.6281, -10.3854


 178.6140,
-21.5017, -10.1855


 206.2010,
-21.7911, -10.7003


 234.6740,


-22.5173, -11.1151


 249.4720,
-16.0087, 1.3401


 52.8250, -18.1547,
-10.3705


 52.8250, -18.1547,
-10.3705


 51.1300, -20.7701,
-11.5150


 54.5200, -15.5394,
-9.2260


 49.2500, -22.8012,
-13.3742

 56.4000, -13.5082,
-7.3668

 48.6090, -23.9642,
-13.6891

 58.0950, -10.8928,
-6.2223

 59.6760, -8.7143,
-4.9779

 61.6700, -6.2463,
-3.2186

■ 63.3650, -3.6309,
-2.0741

■ 64.9460, -1.4524,
-0.8296

■ 66.6410, 1.1630,
0.3148

■ 68.5210, 3.1941,
2.1741

Harmonies

Analogous

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



55.5950, -25.9293, 10.0022



52.8250, -18.1547, -10.3705



45.4220, -3.6590, -39.8351

Triad

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



52.8250, -18.1547, -10.3705



51.1850, 26.0378, -44.8892



57.6120, -1.2877, 39.8053

Complementary

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



52.8250, -18.1547, -10.3705



29.1750, 18.1547, 10.3705

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.



60.4070, 9.6593, 28.5841



52.8250, -18.1547, -10.3705



49.6250, 28.7789, -37.3821

Square

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



52.8250, -18.1547, -10.3705



51.1220, 18.1809, -44.8340



60.6690, 18.8972, 5.5523



57.8000, -13.2124, 37.8864

Rectangle

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



52.8250, -18.1547, -10.3705



47.9470, 3.4771, -42.0495



60.6690, 18.8972, 5.5523



58.8120, 2.0647, 37.8759

Sweetspot

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



52.8250, -18.1547, -10.3705



81.7300, -7.2619, -4.1482



45.6250, -14.6051, 17.8689



39.8380, -4.3571, -2.4889



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



52.8250, -18.1547, -10.3705



66.0340, -28.6108, -16.6928



45.3500, -14.4695, -25.7399



32.0600, -1.0156, -0.9296



71.2910, -35.1465, -20.4262



164.9760, -81.3332, -46.4600

Inverse Universe

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



29.1750, 18.1547, 10.3705



28.6670, 28.7582, 16.0780



36.6500, 14.4695, 25.7400



30.6410, 1.1630, 0.3148



25.4100, 35.2939, 19.8114



59.0240, 81.3332, 46.4600

Previews

White Background



This preview shows how the YUV color 52.8250, -18.1547, -10.3705 looks on a white background.

Color Contrast Check

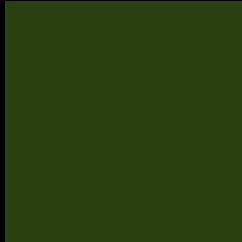
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.8250, -18.1547, -10.3705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

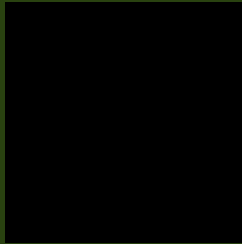
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.8250, -18.1547, -10.3705

Background



This preview shows how black text looks on a background with the YUV color 52.8250, -18.1547, -10.3705.



This preview shows how white text looks on a background with the YUV color 52.8250, -18.1547,

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

52.8250, -18.1547, -10.3705

Protanopia

56.2620, -20.8352, 9.4172

Deuteranopia

57.2780, -18.3781, 14.6652



Tritanopia

58.2700, 3.8109, -9.0068

Trichromacy



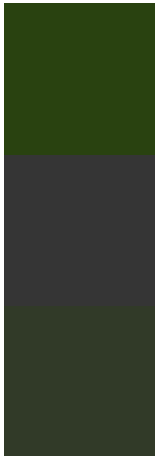
Original Color
52.8250, -18.1547, -10.3705

Protanomaly
55.4460, -19.9399, 2.2399

Deuteranomaly
55.9240, -18.2035, 5.3287

Tritanomaly
55.9080, -3.8986, -9.5663

Monochromacy



Original Color
52.8250, -18.1547, -10.3705

Achromatopsia
53.0000, 0.0000, 0.0000

Achromatomaly
53.2570, -6.5357, -3.7334

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.8250, -18.1547, -10.3705 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(41, 66, 16)` looks like.

```
.text, #text, p{  
    color:rgb(41, 66, 16)  
}
```

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(41, 66, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 66, 16) }
```

Border

The CSS property to change the border of an element to YUV 52.8250, -18.1547, -10.3705 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(41, 66, 16) }
```


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

```
.border{ border-color:rgb(41, 66, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 66, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 66, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 66, 16);  
box-shadow:4px 4px 4px 4px rgb(41, 66, 16)  
}
```

Background

The CSS property to change the background color of an element to YUV 52.8250, -18.1547, -10.3705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 66, 16) }
```

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

```
.background{ background-color: rgb(41, 66,  
16) }
```

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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