

Converting Colors

YUV(52.3180, -12.4818, -9.9259)

Have a look what the booklet for
YUV(52.3180, -12.4818, -9.9259)
contains.

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Color

**YUV(52.3180, -12.4818,
-9.9259)**

Conversions

Conversions Part 1

Format	Color
Hex	293F1B
RGB	41, 63, 27
RGB Percent	16%, 25%, 11%
CMY	0.8392, 0.7529, 0.8941
CMYK	0.35, 0.00, 0.57, 0.75
HSL	97°, 40%, 18%
HSV	97°, 57%, 25%
XYZ	2.8898, 4.1056, 1.6771
YIQ	52.3180, -1.5560, -15.8600

Conversions

Conversions Part 2

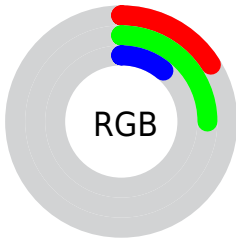
Format	Color
R _Y B	27, 63, 49
Decimal	2703131
CIE Lab	24.02, -16.43, 19.23
CIE LCh	24, 25.298, 130.510
Yxy	4.1056, 0.3332, 0.4734
Android (android.graphics.Color)	4280893211 (0xFF293F1B)
YUV	52.3180, -12.4818, -9.9259
Hunter-Lab	20.2622, -10.0012, 9.2762

Details

The YUV color **52.3180, -12.4818, -9.9259** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **37.6820, 12.4818, 9.9259**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.5630, -14.0816, -10.1408**, and **12.9140, -6.3666, -11.3256** is the 20% darker color. If you saturate the color by 10%, you get **50.4380, -14.5129, -11.7851**, and if you desaturate by 10%, it is **54.1980, -10.4506, -8.0666**.

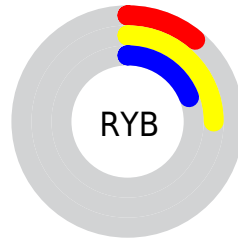
Distribution



Red (16%)

Green (25%)

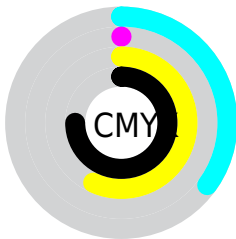
Blue (11%)



Red (11%)

Yellow (25%)

Blue (19%)

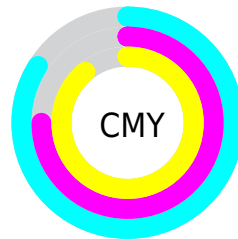


Cyan (35%)

Magenta (0%)

Yellow (57%)

Black (75%)



Cyan (84%)

Magenta (75%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.3180, -12.4818, -9.9259 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 52.3180, -12.4818, -9.9259 by changing the saturation by 10% instead.

■ 52.3180, -12.4818,
-9.9259

■ 52.3180, -12.4818,
-9.9259

255.0000, 0.0000,
0.0000

■ 30.2750, -13.9396,
-9.0112

■ 99.5630, -14.0816,
-10.1408

■ 12.9140, -6.3666,
-11.3256

■ 124.4490,
-14.5184, -10.0408

■ 0.0000, 0.0000,
0.0000


■ 150.6230,
-15.0971, -11.0704


■ 177.5090,
-15.5339, -10.9704


■ 204.5090,
-15.5339, -10.9704


■ 232.9820,


-16.2601, -11.3852


 250.1280,
-10.9091, -0.9893


 52.3180, -12.4818,
-9.9259


 52.3180, -12.4818,
-9.9259


 50.4380, -14.5129,
-11.7851


 54.1980, -10.4506,
-8.0666


 48.4440, -16.9809,
-13.5444


 56.1920, -7.9827,
-6.3074


 46.5640, -19.0121,
-15.4036

 58.0720, -5.9515,
-4.4481

 44.9830, -21.1906,
-16.6481

 59.6530, -3.7729,
-3.2037

 44.4560, -21.9168,
-17.0629

 61.6470, -1.3050,
-1.4444

■ 63.5270, 0.7262,
0.4148

■ 65.4070, 2.7573,
2.2741

■ 67.2870, 4.7885,
4.1333

■ 69.2810, 7.2565,
5.8926

Harmonies

Analogous

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



54.6360, -18.0615, 6.4582



52.3180, -12.4818, -9.9259



46.4490, -1.2074, -32.8428

Triad

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



52.3180, -12.4818, -9.9259



47.5830, 22.3906, -41.7303



57.3890, -3.1498, 30.3538

Complementary

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



52.3180, -12.4818, -9.9259



37.6820, 12.4818, 9.9259

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.



58.6360, 5.6025, 23.1212



52.3180, -12.4818, -9.9259



54.9390, 19.2571, -16.6095

Square

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



52.3180, -12.4818, -9.9259



47.9760, 16.2808, -42.0750



58.6000, 13.5082, 7.3668



56.7880, -11.7275, 28.2499

Rectangle

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



52.3180, -12.4818, -9.9259



45.8270, 5.5083, -40.1903



58.6000, 13.5082, 7.3668



57.8880, 0.0552, 29.0392

Sweetspot

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



52.3180, -12.4818, -9.9259



77.7130, -4.7885, -4.1333



50.6780, -11.6733, 10.8064



38.5930, -2.7573, -2.2741



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.



52.3180, -12.4818, -9.9259



65.0370, -19.7382, -15.8184



48.5880, -8.6709, -18.9327



30.0600, -1.0156, -0.9296



66.2410, -32.6568, -25.6444



156.0280, -76.9218, -61.4146

Inverse Universe

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



37.6820, 12.4818, 9.9259



41.9630, 19.7382, 15.8184



41.4120, 8.6709, 18.9327



28.6410, 1.1630, 0.3148



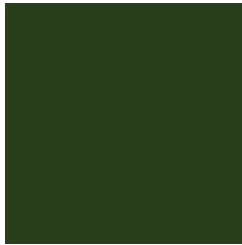
28.0580, 32.5094, 26.2591



65.9720, 76.9218, 61.4146

Previews

White Background



This preview shows how the YUV color 52.3180, -12.4818, -9.9259 looks on a white background.

Color Contrast Check

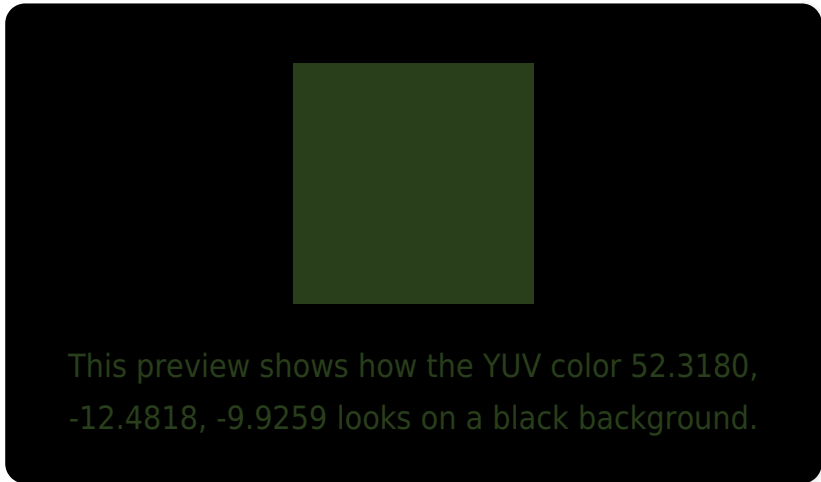
Large Text (above 18pt) WCAG AA ✓ Pass

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

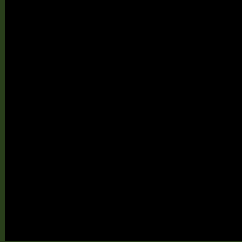
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.3180, -12.4818, -9.9259

Background



This preview shows how black text looks on a background with the YUV color 52.3180, -12.4818, -9.9259.



This preview shows how white text looks on a background with the YUV color 52.3180, -12.4818, -9.9259.

-9.9259.

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

52.3180, -12.4818, -9.9259

Protanopia

55.1460, -14.8620, 6.8880

Deuteranopia

55.9340, -13.2785, 12.3359



Tritanopia

55.9820, 3.9529, -7.8772

Trichromacy



Original Color

52.3180, -12.4818, -9.9259

Protanomaly

54.0420, -13.8247, 0.8402

Deuteranomaly

54.2920, -12.9620, 4.1289

Tritanomaly

54.4890, -1.7201, -8.3219

Monochromacy



Original Color

52.3180, -12.4818, -9.9259

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

52.1260, -4.4991, -3.6185

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.3180, -12.4818, -9.9259 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, 63, 27)` looks like.

```
.text, #text, p{  
    color:rgb(41, 63, 27)  
}
```

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, 63, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 63, 27) }
```

Border

The CSS property to change the border of an element to YUV 52.3180, -12.4818, -9.9259 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, 63, 27) }
```


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

```
.border{ border-color:rgb(41, 63, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 63, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 63, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 63, 27);  
box-shadow:4px 4px 4px 4px rgb(41, 63, 27)  
}
```

Background

The CSS property to change the background color of an element to YUV 52.3180, -12.4818, -9.9259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 63, 27) }
```

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

```
.background{ background-color: rgb(41, 63,  
27) }
```

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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