

Converting Colors

YUV(51.8780, -11.7719, -4.2780)

Have a look what the booklet for
YUV(51.8780, -11.7719, -4.2780)
contains.

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Color

**YUV(51.8780, -11.7719,
-4.2780)**

Conversions

Conversions Part 1

Format	Color
Hex	2F3B1C
RGB	47, 59, 28
RGB Percent	18%, 23%, 11%
CMY	0.8157, 0.7686, 0.8902
CMYK	0.20, 0.00, 0.53, 0.77
HSL	83°, 36%, 17%
HSV	83°, 53%, 23%
XYZ	2.9459, 3.8161, 1.6799
YIQ	51.8780, 2.7990, -12.1850

Conversions

Conversions Part 2

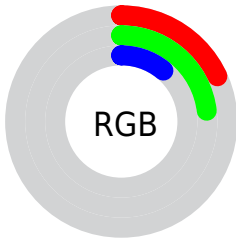
Format	Color
R_{YB}	28, 59, 40
Decimal	3095324
CIE _{Lab}	23.05, -11.28, 17.54
CIE _{LCh}	23, 20.857, 122.733
Yxy	3.8161, 0.3490, 0.4520
Android (android.graphics.Color)	4281285404 (0xFF2F3B1C)
YUV	51.8780, -11.7719, -4.2780
Hunter-Lab	19.5349, -7.2682, 8.5757

Details

The YUV color **51.8780, -11.7719, -4.2780** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **35.1220, 11.7719, 4.2780**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.5360, -13.0822, -3.9781**, and **10.5660, -5.2090, -9.2664** is the 20% darker color. If you saturate the color by 10%, you get **50.5960, -14.0978, -4.9077**, and if you desaturate by 10%, it is **53.1600, -9.4459, -3.6483**.

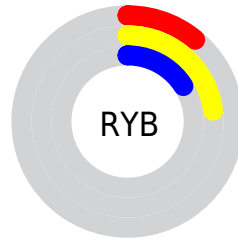
Distribution



Red (18%)

Green (23%)

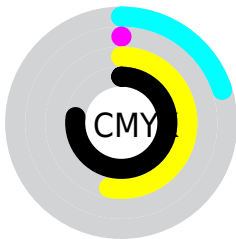
Blue (11%)



Red (11%)

Yellow (23%)

Blue (16%)

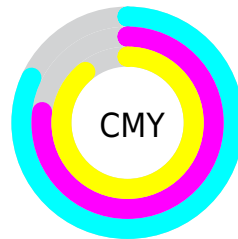


Cyan (20%)

Magenta (0%)

Yellow (53%)

Black (77%)



Cyan (82%)

Magenta (77%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.8780, -11.7719, -4.2780 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 51.8780, -11.7719, -4.2780 by changing the saturation by 10% instead.

■ 51.8780, -11.7719,
-4.2780

■ 51.8780, -11.7719,
-4.2780

■ 255.0000, 0.0000,
0.0000

■ 29.9490, -12.7929,
-3.4633

■ 98.5360, -13.0822,
-3.9781

■ 10.5660, -5.2090,
-9.2664

■ 123.4220,
-13.5190, -3.8781

■ 0.0000, 0.0000,
0.0000

■ 149.8950,
-14.2452, -4.2929

■ 175.8950,
-14.2452, -4.2929

■ 203.7810,
-14.6820, -4.1929

■ 231.6670,

-15.1188, -4.0930

■ 252.0360,
-11.3567, 2.5994

■ 51.8780, -11.7719,
-4.2780

■ 51.8780, -11.7719,
-4.2780

■ 50.5960, -14.0978,
-4.9077

■ 53.1600, -9.4459,
-3.6483

■ 49.0150, -16.2764,
-6.1522

■ 54.7410, -7.2673,
-2.4039

■ 47.7330, -18.6024,
-6.7818

■ 56.0230, -4.9413,
-1.7742

■ 46.4510, -20.9283,
-7.4115

■ 57.3050, -2.6154,
-1.1445

■ 45.3970, -22.3807,
-8.2412

■ 58.4730, -0.7262,
-0.4148

■ 60.0540, 1.4524,
0.8296

■ 61.3360, 3.7784,
1.4593

■ 62.6180, 6.1043,
2.0890

■ 64.1990, 8.2829,
3.3335

Harmonies

Analogous

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



53.7440, -15.1568, 8.1175



51.8780, -11.7719, -4.2780



49.0270, -4.4503, -19.3177

Triad

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



51.8780, -11.7719, -4.2780



44.5680, 18.4540, -39.0861



55.9260, -0.9495, 24.6209

Complementary

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



51.8780, -11.7719, -4.2780



35.1220, 11.7719, 4.2780

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.



56.7060, 6.0609, 16.0438



51.8780, -11.7719, -4.2780



52.2440, 16.6417, -17.7540

Square

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



51.8780, -11.7719, -4.2780



45.0750, 12.7810, -39.5308



55.9260, 12.3615, 1.8189



55.3900, -8.0803, 25.0910

Rectangle

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



51.8780, -11.7719, -4.2780



44.8880, 3.0132, -33.2278



55.9260, 12.3615, 1.8189



56.4850, 1.2399, 22.3767

Sweetspot

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



51.8780, -11.7719, -4.2780



74.0230, -4.9413, -1.7742



44.3130, -8.0423, 12.8805



36.3050, -2.6154, -1.1445



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



51.8780, -11.7719, -4.2780



65.7330, -18.6024, -6.7818



47.3930, -9.5607, -13.4997



30.0600, -1.0156, -0.9296



72.5200, -35.7524, -12.7340



170.9780, -84.2922, -30.6757

Inverse Universe

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



35.1220, 11.7719, 4.2780



39.2670, 18.6024, 6.7818



39.6070, 9.5607, 13.4997



28.6410, 1.1630, 0.3148



21.7790, 35.6050, 13.3488



51.0220, 84.2922, 30.6757

Previews

White Background



This preview shows how the YUV color 51.8780, -11.7719, -4.2780 looks on a white background.

Color Contrast Check

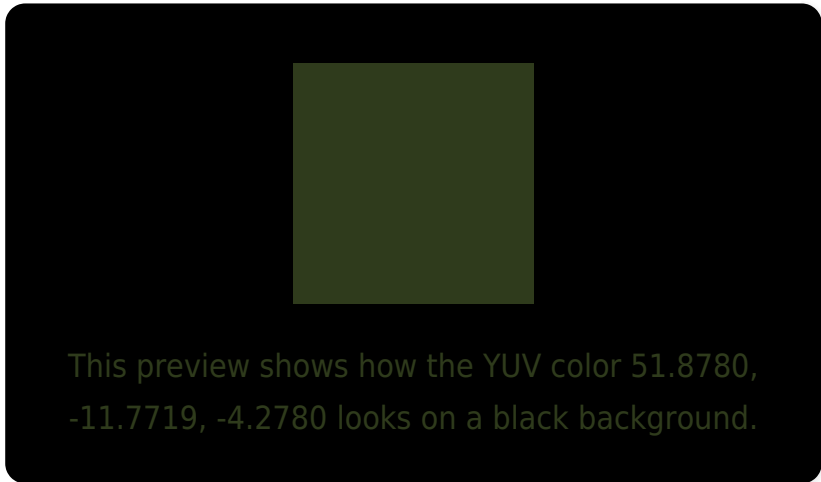
Large Text (above 18pt) WCAG AA ✓ Pass

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

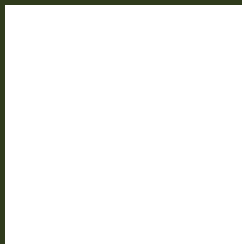
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 51.8780, -11.7719, -4.2780

Background



This preview shows how black text looks on a background with the YUV color 51.8780, -11.7719, -4.2780.



This preview shows how white text looks on a background with the YUV color 51.8780, -11.7719,

-4.2780.

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

51.8780, -11.7719, -4.2780

Protanopia

53.6020, -13.1148, 6.4880

Deuteranopia

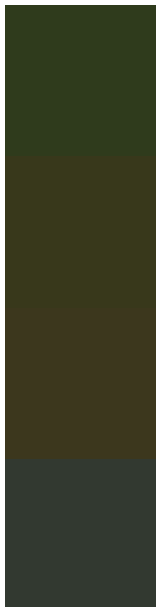
53.9770, -11.8207, 11.4212



Tritanopia

54.9610, 2.4842, -3.4738

Trichromacy



Original Color

51.8780, -11.7719, -4.2780

Protanomaly

52.6940, -12.6671, 2.8994

Deuteranomaly

53.5310, -12.0938, 5.6733

Tritanomaly

53.8810, -2.8993, -3.4036

Monochromacy



Original Color

51.8780, -11.7719, -4.2780

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

52.1370, -4.5045, -1.8741

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.8780, -11.7719, -4.2780 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(47, 59, 28)` looks like.

```
.text, #text, p{  
    color:rgb(47, 59, 28)  
}
```

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(47, 59, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 59, 28) }
```

Border

The CSS property to change the border of an element to YUV 51.8780, -11.7719, -4.2780 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(47, 59, 28) }
```


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

```
.border{ border-color:rgb(47, 59, 28) }
```

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

Here you see how a box with a 4 pixel rgb(47, 59, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 59, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 59, 28);  
box-shadow:4px 4px 4px 4px rgb(47, 59, 28)  
}
```

Background

The CSS property to change the background color of an element to YUV 51.8780, -11.7719, -4.2780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 59, 28) }
```

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

```
.background{ background-color: rgb(47, 59,  
28) }
```

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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