

Converting Colors

YUV(50.4140, -17.9521,
18.0539)

Have a look what the booklet for
YUV(50.4140, -17.9521, 18.0539)
contains.

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Color

**YUV(50.4140, -17.9521,
18.0539)**

Conversions

Conversions Part 1

Format	Color
Hex	472F0E
RGB	71, 47, 14
RGB Percent	28%, 18%, 5%
CMY	0.7216, 0.8157, 0.9451
CMYK	0.00, 0.34, 0.80, 0.72
HSL	35°, 67%, 17%
HSV	35°, 80%, 28%
XYZ	3.6943, 3.4043, 0.8779
YIQ	50.4140, 24.8970, -5.1750

Conversions

Conversions Part 2

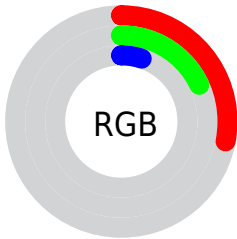
Format	Color
RYB	55, 71, 14
Decimal	4665102
CIELab	21.60, 7.32, 24.68
CIELCh	22, 25.740, 73.478
Yxy	3.4043, 0.4631, 0.4268
Android (android.graphics.Color)	4282855182 (0xFF472F0E)
YUV	50.4140, -17.9521, 18.0539
Hunter-Lab	18.4508, 3.4512, 10.0947

Details

The YUV color **50.4140, -17.9521, 18.0539** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **34.5860, 17.9521, -18.0539**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.6810, -19.5627, 21.3278**, and **6.8770, -3.3904, 14.1399** is the 20% darker color. If you saturate the color by 10%, you get **47.8550, -20.1415, 20.2982**, and if you desaturate by 10%, it is **52.9730, -15.7627, 15.8097**.

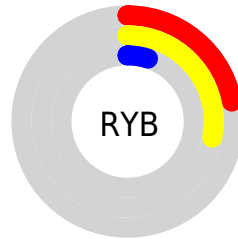
Distribution



Red (28%)

Green (18%)

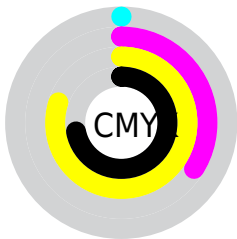
Blue (5%)



Red (22%)

Yellow (28%)

Blue (5%)

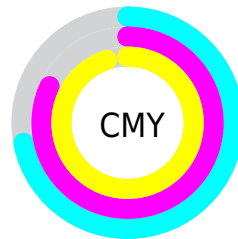


Cyan (0%)

Magenta (34%)

Yellow (80%)

Black (72%)



Cyan (72%)


Magenta (82%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the YUV color 50.4140, -17.9521, 18.0539 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 50.4140, -17.9521, 18.0539 by changing the saturation by 10% instead.


 50.4140, -17.9521,
18.0539


 50.4140, -17.9521,
18.0539

 253.2900, -6.5520,
1.4997

 29.3150, -14.4523,
15.5097


 97.6810, -19.5627,
21.3278


 6.8770, -3.3904,
14.1399

 122.4640,
-20.4418, 23.2721

 0.0000, 0.0000,
0.0000

 148.6490,
-21.0260, 23.9868

 175.1330,
-21.7576, 25.3164

 203.2040,
-22.7786, 26.1311

 229.2960,

-22.3309, 22.5424

■ 248.9240,
-18.2035, 5.3287

■ 50.4140, -17.9521,
18.0539

■ 50.4140, -17.9521,
18.0539

■ 47.8550, -20.1415,
20.2982

■ 52.9730, -15.7627,
15.8097

■ 45.2960, -22.3309,
22.5424

■ 55.5320, -13.5733,
13.5654

■ 58.0910, -11.3839,
11.3212

■ 60.6500, -9.1944,
9.0770

■ 63.3230, -6.5682,
6.7327

■ 65.8820, -4.3788,
4.4885

■ 68.4410, -2.1894,
2.2442

■ 71.0000, 0.0000,
0.0000

■ 73.5590, 2.1894,
-2.2442

Harmonies

Analogous

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



51.2610, -12.4537, 27.8351



50.4140, -17.9521, 18.0539



48.6250, -18.0561, 4.7139

Triad

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



50.4140, -17.9521, 18.0539



42.6470, 8.5550, -37.4014



53.4970, 13.0660, 9.2111

Complementary

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



50.4140, -17.9521, 18.0539



34.5860, 17.9521, -18.0539

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.



49.9500, 19.2517, -14.8651



50.4140, -17.9521, 18.0539



43.9980, 16.2700, -38.5862

Square

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



50.4140, -17.9521, 18.0539



39.7800, 0.1085, -34.8871



43.4910, 21.9429, -38.1416



52.5330, 5.1602, 24.9656

Rectangle

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



50.4140, -17.9521, 18.0539



47.7700, -14.6766, -5.9373



43.4910, 21.9429, -38.1416



53.3220, 15.1243, 2.3486

Sweetspot

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



50.4140, -17.9521, 18.0539



84.2090, -7.0050, 6.8327



33.8930, 2.5178, 32.5428



40.9960, -3.9420, 4.3885



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



50.4140, -17.9521, 18.0539



60.2490, -27.7308, 27.8456



63.3060, -24.3079, 3.2396



34.3700, -1.1684, 1.4295



63.6470, -31.3780, 31.0046



144.7700, -71.3716, 72.1157

Inverse Universe

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



34.5860, 17.9521, -18.0539



35.7510, 27.7308, -27.8456



21.6940, 24.3079, -3.2396



33.6300, 1.1684, -1.4295



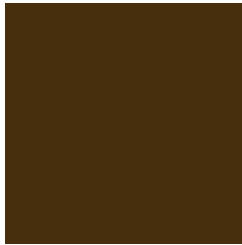
35.9400, 31.0886, -31.5194



82.2300, 71.3716, -72.1157

Previews

White Background



This preview shows how the YUV color 50.4140, -17.9521, 18.0539 looks on a white background.

Color Contrast Check

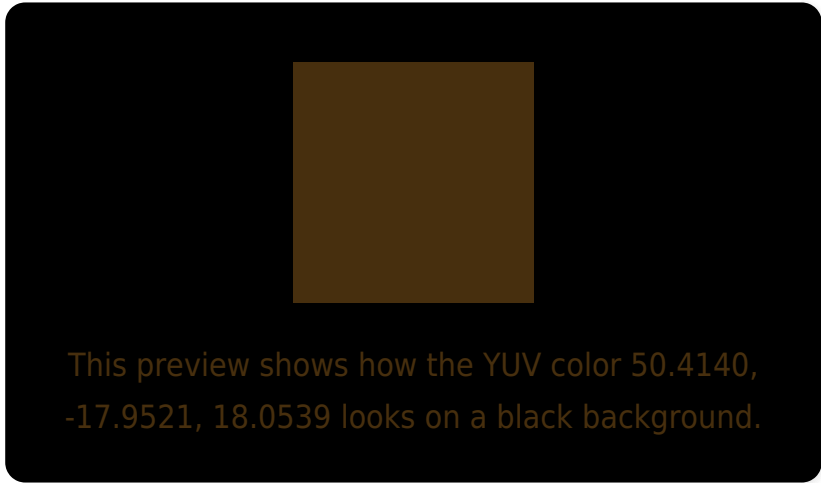
Large Text (above 18pt) WCAG AA ✓ Pass

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

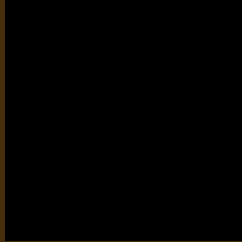
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 50.4140, -17.9521, 18.0539

Background



This preview shows how black text looks on a background with the YUV color 50.4140, -17.9521, 18.0539.



This preview shows how white text looks on a background with the YUV color 50.4140, -17.9521,

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

50.4140, -17.9521, 18.0539

Protanopia

49.8750, -17.1934, 8.0026

Deuteranopia

50.5660, -18.5200, 13.5356



Tritanopia

53.0130, -2.9644, 17.5286

Trichromacy



Original Color

50.4140, -17.9521, 18.0539

Protanomaly

49.8970, -17.2042, 11.4913

Deuteranomaly

50.5770, -18.5255, 15.2800

Tritanomaly

51.9330, -8.3480, 17.5988

Monochromacy



Original Color

50.4140, -17.9521, 18.0539

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

50.3230, -6.5682, 6.7327

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.4140, -17.9521, 18.0539 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(71, 47, 14)` looks like.

```
.text, #text, p{  
    color:rgb(71, 47, 14)  
}
```

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(71, 47, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 47, 14) }
```

Border

The CSS property to change the border of an element to YUV 50.4140, -17.9521, 18.0539 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(71, 47, 14) }
```


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

```
.border{ border-color:rgb(71, 47, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 47, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 47, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 47, 14);  
box-shadow:4px 4px 4px 4px rgb(71, 47, 14)  
}
```

Background

The CSS property to change the background color of an element to YUV 50.4140, -17.9521, 18.0539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 47, 14) }
```

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

```
.background{ background-color: rgb(71, 47,  
14) }
```

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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