

Converting Colors

YUV(48.1140, 3.8878, 13.0550)

Have a look what the booklet for
YUV(48.1140, 3.8878, 13.0550)
contains.

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Color

**YUV(48.1140, 3.8878,
13.0550)**

Conversions

Conversions Part 1

Format	Color
Hex	3F2738
RGB	63, 39, 56
RGB Percent	25%, 15%, 22%
CMY	0.7529, 0.8471, 0.7804
CMYK	0.00, 0.38, 0.11, 0.75
HSL	318°, 24%, 20%
HSV	318°, 38%, 25%
XYZ	3.4892, 2.7933, 4.0966
YIQ	48.1140, 8.8470, 10.3750

Conversions

Conversions Part 2

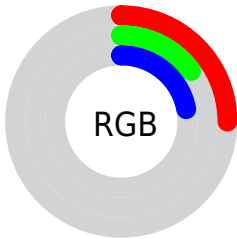
Format	Color
R_{YB}	63, 39, 56
Decimal	4138808
CIE Lab	19.20, 14.47, -6.33
CIE LCh	19, 15.793, 336.356
Yxy	2.7933, 0.3362, 0.2691
Android (android.graphics.Color)	4282328888 (0xFF3F2738)
YUV	48.1140, 3.8878, 13.0550
Hunter-Lab	16.7132, 8.0173, -2.8335

Details

The YUV color **48.1140, 3.8878, 13.0550** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **53.8860, -3.8878, -13.0550**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.2390, 4.3192, 14.6994**, and **7.3480, 2.2934, 11.0958** is the 20% darker color. If you saturate the color by 10%, you get **44.3640, 4.7505, 16.3438**, and if you desaturate by 10%, it is **51.8640, 3.0250, 9.7663**.

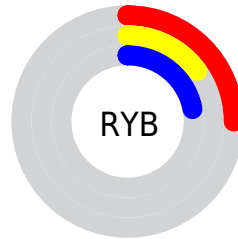
Distribution



Red (25%)

Green (15%)

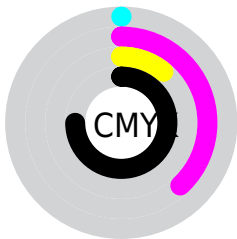
Blue (22%)



Red (25%)

Yellow (15%)

Blue (22%)

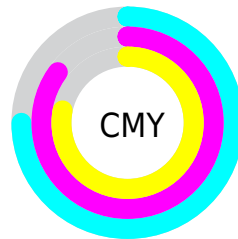


Cyan (0%)

Magenta (38%)

Yellow (11%)

Black (75%)



Cyan (75%)

Magenta (85%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.1140, 3.8878, 13.0550 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 48.1140, 3.8878, 13.0550 by changing the saturation by 10% instead.

■ 48.1140, 3.8878,
13.0550

■ 48.1140, 3.8878,
13.0550

■ 255.0000, 0.0000,
0.0000

■ 26.8150, 4.0352,
12.4402

■ 94.2390, 4.3192,
14.6994

■ 7.3480, 2.2934,
11.0958

■ 119.5380, 4.1718,
15.3142

■ 0.0000, 0.0000,
0.0000

■ 144.9510, 4.4612,
15.8290

■ 171.3640, 4.7505,
16.3438

■ 199.2500, 4.3137,
16.4438

■ 226.9620, 4.4557,

17.5733

248.5430, 3.1833,
5.6628

48.1140, 3.8878,
13.0550

48.1140, 3.8878,
13.0550

44.3640, 4.7505,
16.3438

51.8640, 3.0250,
9.7663

40.0270, 5.9027,
20.1473

56.2010, 1.8729,
5.9627

36.2770, 6.7654,
23.4361

59.9510, 1.0102,
2.6740

32.6410, 8.0650,
26.6248

63.5870, -0.2894,
-0.5148

28.3040, 9.2171,
30.4284

67.9240, -1.4415,
-4.3183

■ 24.5540, 10.0799,
33.7171

■ 71.6740, -2.3043,
-7.6071

■ 23.9670, 10.3693,
34.2319

■ 75.4240, -3.1670,
-10.8958

■ 79.1740, -4.0298,
-14.1846

■ 83.5110, -5.1819,
-17.9881

Harmonies

Analogous

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



47.9000, 8.4303, 2.7187



48.1140, 3.8878, 13.0550



48.0670, -1.5120, 18.3582

Triad

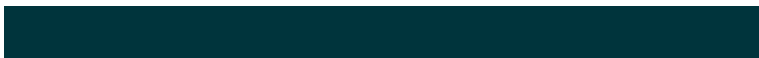
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



48.1140, 3.8878, 13.0550



45.7590, -11.2202, 5.4734



37.3640, 11.1595, -32.7682

Complementary

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



48.1140, 3.8878, 13.0550



53.8860, -3.8878, -13.0550

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.



39.0890, 4.8861, -27.2651



48.1140, 3.8878, 13.0550



44.2030, -7.9881, -4.5630

Square

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



48.1140, 3.8878, 13.0550



46.7430, -10.2263, 13.3804



42.2170, -2.5720, -15.0993



40.8750, 12.8796, -24.4464

Rectangle

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



48.1140, 3.8878, 13.0550



47.1550, -5.0064, 19.1581



42.2170, -2.5720, -15.0993



37.4950, 9.1230, -32.8831

Sweetspot

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



48.1140, 3.8878, 13.0550



76.3750, 1.2941, 4.9331



43.8290, 9.4513, 1.9040



37.2500, 0.8628, 3.2887



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.



48.1140, 3.8878, 13.0550



58.4400, 6.1921, 20.6621



46.7460, -1.3538, 14.2548



29.1250, 0.4314, 1.6444



35.7440, 15.4092, 51.0905



84.2760, 35.8529, 120.7839

Inverse Universe

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



48.1140, 3.8878, 13.0550



58.4400, 6.1921, 20.6621



55.2540, 1.3538, -14.2548



29.1250, 0.4314, 1.6444



35.7440, 15.4092, 51.0905



84.2760, 35.8529, 120.7839

Previews

White Background



This preview shows how the YUV color 48.1140, 3.8878, 13.0550 looks on a white background.

Color Contrast Check

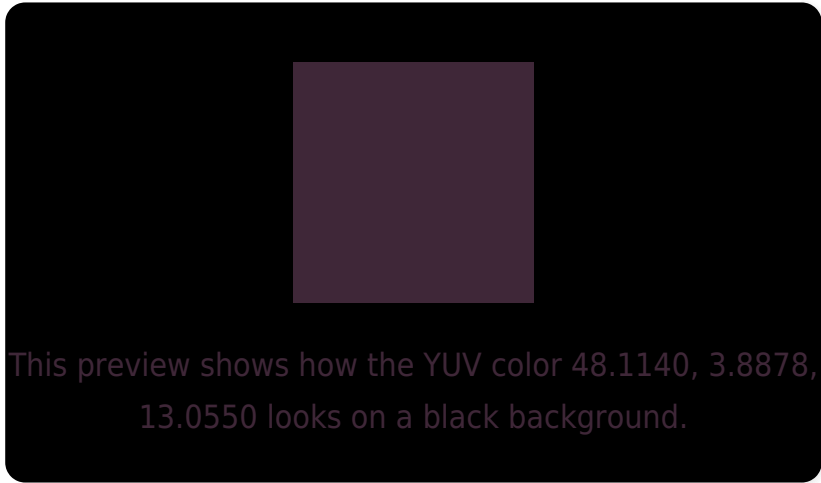
Large Text (above 18pt) WCAG AA ✓ Pass

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

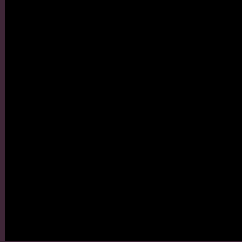
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 48.1140, 3.8878, 13.0550

Background



This preview shows how black text looks on a background with the YUV color 48.1140, 3.8878, 13.0550.



This preview shows how white text looks on a background with the YUV color 48.1140, 3.8878,

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

48.1140, 3.8878, 13.0550

Protanopia

46.8130, 6.9942, -3.3440

Deuteranopia

47.6240, 3.6364, 0.3298



Tritanopia

47.6210, -1.7852, 12.6104

Trichromacy



Original Color

48.1140, 3.8878, 13.0550

Protanomaly

46.9170, 5.9569, 2.7038

Deuteranomaly

47.3580, 3.7675, 4.9480

Tritanomaly

47.4900, 0.2514, 12.7253

Monochromacy



Original Color

48.1140, 3.8878, 13.0550

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.0760, 1.4415, 4.3183

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.1140, 3.8878, 13.0550 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(63, 39, 56)` looks like.

```
.text, #text, p{  
    color:rgb(63, 39, 56)  
}
```

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(63, 39, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 39, 56) }
```

Border

The CSS property to change the border of an element to YUV 48.1140, 3.8878, 13.0550 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(63, 39, 56) }
```


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

```
.border{ border-color:rgb(63, 39, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 39, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 39, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 39, 56);  
box-shadow:4px 4px 4px 4px rgb(63, 39, 56)  
}
```

Background

The CSS property to change the background color of an element to YUV 48.1140, 3.8878, 13.0550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 39, 56) }
```

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

```
.background{ background-color: rgb(63, 39,  
56) }
```

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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