

Converting Colors

YUV(50.9480, 2.4906, 41.2646)

Have a look what the booklet for
YUV(50.9480, 2.4906, 41.2646)
contains.

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Color

**YUV(50.9480, 2.4906,
41.2646)**

Conversions

Conversions Part 1

Format	Color
Hex	621A38
RGB	98, 26, 56
RGB Percent	38%, 10%, 22%
CMY	0.6157, 0.8980, 0.7804
CMYK	0.00, 0.73, 0.43, 0.62
HSL	335°, 58%, 24%
HSV	335°, 73%, 38%
XYZ	6.1202, 3.6210, 4.1177
YIQ	50.9480, 33.2820, 24.5940

Conversions

Conversions Part 2

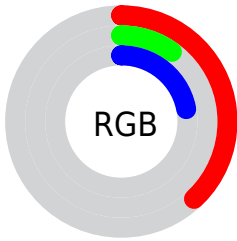
Format	Color
R_{YB}	98, 26, 56
Decimal	6429240
CIE Lab	22.38, 34.99, -0.97
CIE LCh	22, 35.004, 358.420
Yxy	3.6210, 0.4416, 0.2613
Android (android.graphics.Color)	4284619320 (0xFF621A38)
YUV	50.9480, 2.4906, 41.2646
Hunter-Lab	19.0289, 24.1099, 0.4902

Details

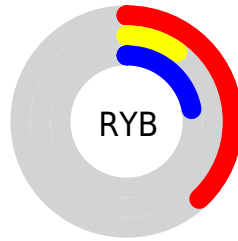
The YUV color **50.9480, 2.4906, 41.2646** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **73.0520, -2.4906, -41.2646**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.8020, 0.5906, 44.0236**, and **16.0190, -1.9814, 28.9243** is the 20% darker color. If you saturate the color by 10%, you get **44.3940, 2.7638, 47.0125**, and if you desaturate by 10%, it is **57.5020, 2.2175, 35.5167**.

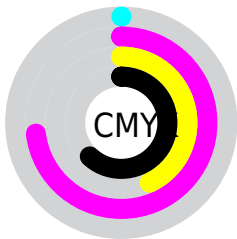
Distribution



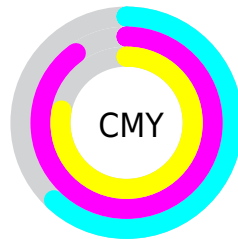
- Red (38%)
- Green (10%)
- Blue (22%)



- Red (38%)
- Yellow (10%)
- Blue (22%)



- Cyan (0%)
- Magenta (73%)
- Yellow (43%)
- Black (62%)



- Cyan (62%)
- Magenta (90%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.9480, 2.4906, 41.2646 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 50.9480, 2.4906, 41.2646 by changing the saturation by 10% instead.

50.9480, 2.4906,
41.2646

50.9480, 2.4906,
41.2646

255.0000, 0.0000,
0.0000

25.5180, 4.6746,
40.7647

101.8020, 0.5906,
44.0236

16.0190, -1.9814,
28.9243

127.6990, 0.1484,
45.8680

1.7940, -0.8844,
3.6887

154.2970, -0.1464,
47.0975


0.0000, 0.0000,
0.0000

181.1940, -0.5886,
48.9419

206.2040, 0.8854,
42.7941

225.8320, 5.0128,


25.5803

 244.4340, 5.2090,
9.2664


 50.9480, 2.4906,
41.2646

 50.9480, 2.4906,
41.2646

 44.3940, 2.7638,
47.0125


 57.5020, 2.2175,
35.5167


 37.9540, 3.4737,
52.6603

 63.9420, 1.5076,
29.8689

 33.9760, 3.4628,
56.1490

 69.9090, 1.5239,
24.6358

 76.4630, 1.2507,
18.8879

 83.0170, 0.9776,
13.1401

■ 89.4570, 0.2677,
7.4922

■ 96.0110, -0.0054,
1.7444

■ 101.9780, 0.0108,
-3.4887

■ 108.4180, -0.6991,
-9.1366

Harmonies

Analogous

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



54.5960, 13.0172, 24.9103



50.9480, 2.4906, 41.2646



50.3320, -10.0237, 41.8048

Triad

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



50.9480, 2.4906, 41.2646



47.1910, -23.2652, -4.5525



48.1530, 24.5746, -42.2302

Complementary

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



50.9480, 2.4906, 41.2646



73.0520, -2.4906, -41.2646

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.



47.0470, 15.2598, -41.2602



50.9480, 2.4906, 41.2646



39.7170, -7.7485, -34.8318

Square

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



50.9480, 2.4906, 41.2646



50.5570, -24.9246, 14.4205



43.9690, 3.4663, -38.5608



45.5430, 29.8053, -39.9412

Rectangle

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



50.9480, 2.4906, 41.2646



50.6380, -17.5695, 35.3975



43.9690, 3.4663, -38.5608



48.0560, 21.6644, -42.1451

Sweetspot

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



50.9480, 2.4906, 41.2646



109.0390, 0.9668, 16.6288



46.7660, 25.2584, 18.6222



52.8810, 0.5517, 9.7514



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



50.9480, 2.4906, 41.2646



54.1450, 3.8725, 64.7708



51.0500, -12.3496, 41.1752



45.4240, 0.2840, 2.2592



38.8460, 4.0199, 64.1561



83.1600, 8.3021, 137.5487

Inverse Universe

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



50.9480, 2.4906, 41.2646



54.1450, 3.8725, 64.7708



72.9500, 12.3496, -41.1752



45.4240, 0.2840, 2.2592



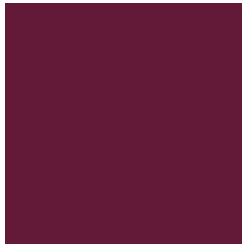
38.8460, 4.0199, 64.1561



83.1600, 8.3021, 137.5487

Previews

White Background



This preview shows how the YUV color 50.9480, 2.4906, 41.2646 looks on a white background.

Color Contrast Check

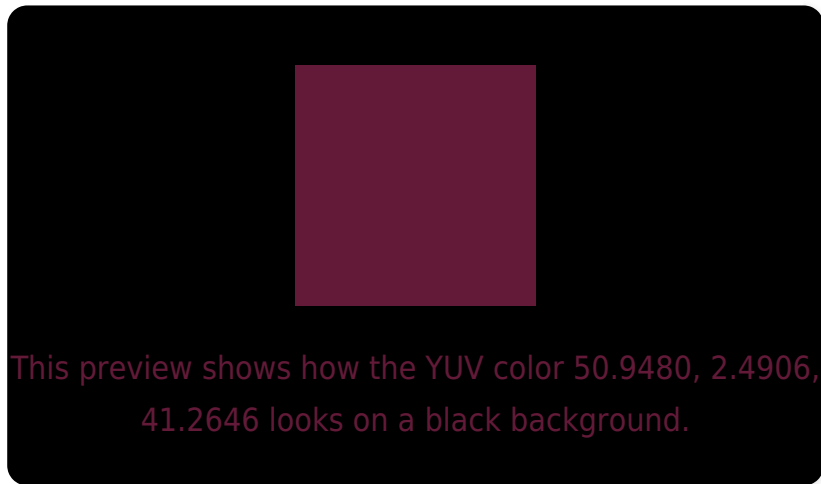
Large Text (above 18pt) WCAG AA ✓ Pass

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

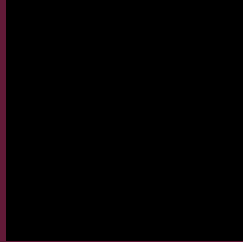
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 50.9480, 2.4906, 41.2646

Background



This preview shows how black text looks on a background with the YUV color 50.9480, 2.4906, 41.2646.



This preview shows how white text looks on a background with the YUV color 50.9480, 2.4906, 41.2646.

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

50.9480, 2.4906, 41.2646

Protanopia

54.9700, 8.8888, -4.3587

Deuteranopia

55.2780, -1.6161, 5.0182



Tritanopia

51.5490, -9.1447, 39.8605

Trichromacy



Original Color

50.9480, 2.4906, 41.2646

Protanomaly

53.4990, 6.6560, 11.8404

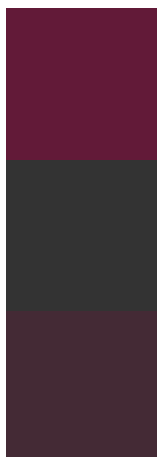
Deuteranomaly

53.4090, -0.2016, 18.0583

Tritanomaly

51.2870, -5.0715, 40.0903

Monochromacy



Original Color

50.9480, 2.4906, 41.2646

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

51.0280, 0.9722, 14.8844

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.9480, 2.4906, 41.2646 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(98, 26, 56)` looks like.

```
.text, #text, p{  
    color:rgb(98, 26, 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(98, 26, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 26, 56) }
```

Border

The CSS property to change the border of an element to YUV 50.9480, 2.4906, 41.2646 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(98, 26, 56) }
```


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

```
.border{ border-color:rgb(98, 26, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 26, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 26, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 26, 56);  
box-shadow:4px 4px 4px 4px rgb(98, 26, 56)  
}
```

Background

The CSS property to change the background color of an element to YUV 50.9480, 2.4906, 41.2646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 26, 56) }
```

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

```
.background{ background-color: rgb(98, 26,  
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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