

Converting Colors

YUV(47.8740, 11.4011, 29.9285)

Have a look what the booklet for
YUV(47.8740, 11.4011, 29.9285)
contains.

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Color

**YUV(47.8740, 11.4011,
29.9285)**

Conversions

Conversions Part 1

Format	Color
Hex	521A47
RGB	82, 26, 71
RGB Percent	32%, 10%, 28%
CMY	0.6784, 0.8980, 0.7216
CMYK	0.00, 0.68, 0.13, 0.68
HSL	312°, 52%, 21%
HSV	312°, 68%, 32%
XYZ	4.9864, 2.9876, 6.2751
YIQ	47.8740, 18.9310, 25.8670

Conversions

Conversions Part 2

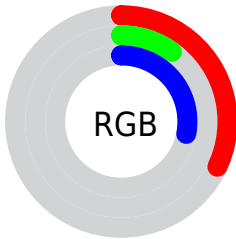
Format	Color
R_{YB}	82, 26, 71
Decimal	5380679
CIE _{Lab}	19.99, 32.03, -15.19
CIE _{LCh}	20, 35.452, 334.621
Yxy	2.9876, 0.3499, 0.2097
Android (android.graphics.Color)	4283570759 (0xFF521A47)
YUV	47.8740, 11.4011, 29.9285
Hunter-Lab	17.2846, 21.2473, -9.4258

Details

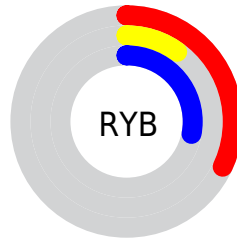
The YUV color **47.8740, 11.4011, 29.9285** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **60.1260, -11.4011, -29.9285**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.8850, 11.3957, 31.6729**, and **14.8530, 6.4815, 21.1769** is the 20% darker color. If you saturate the color by 10%, you get **42.9500, 12.8426, 34.2468**, and if you desaturate by 10%, it is **52.7980, 9.9596, 25.6102**.

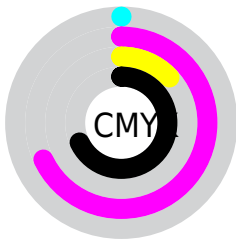
Distribution



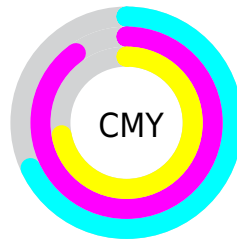
- Red (32%)
- Green (10%)
- Blue (28%)



- Red (32%)
- Yellow (10%)
- Blue (28%)



- Cyan (0%)
- Magenta (68%)
- Yellow (13%)
- Black (68%)



- Cyan (68%)
- Magenta (90%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.8740, 11.4011, 29.9285 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 47.8740, 11.4011, 29.9285 by changing the saturation by 10% instead.

47.8740, 11.4011,
29.9285

47.8740, 11.4011,
29.9285

255.0000, 0.0000,
0.0000

23.4010, 12.1273,
30.3433

96.8850, 11.3957,
31.6729

14.8530, 6.4815,
21.1769

122.4830, 11.1009,
32.9024

0.0000, 0.0000,
0.0000

148.6080, 11.5323,
34.5468

175.9070, 11.3848,
35.1616

203.6190, 11.5268,
36.2911

226.2370, 14.1802,

25.2252

242.6730, 6.0772,
10.8108

47.8740, 11.4011,
29.9285

47.8740, 11.4011,
29.9285

42.9500, 12.8426,
34.2468

52.7980, 9.9596,
25.6102

38.1400, 14.7210,
38.4652

57.6080, 8.0813,
21.3918

32.6290, 16.4519,
43.2984

63.1190, 6.3503,
16.5586

32.0420, 16.7413,
43.8132

67.9290, 4.4720,
12.3403

72.8530, 3.0305,
8.0219

■ 77.7770, 1.5889,
3.7036

■ 82.5870, -0.2894,
-0.5148

■ 88.0980, -2.0203,
-5.3479

■ 92.9080, -3.8986,
-9.5663

Harmonies

Analogous

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



49.1140, 20.6498, 3.4080



47.8740, 11.4011, 29.9285



44.0900, 0.4486, 42.8941

Triad

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



47.8740, 11.4011, 29.9285



45.2190, -22.2930, 10.3319



43.4110, 16.5594, -38.0714

Complementary

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



47.8740, 11.4011, 29.9285



60.1260, -11.4011, -29.9285

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.



41.1480, 5.3500, -36.0868



47.8740, 11.4011, 29.9285



41.2550, -20.3387, -9.8706

Square

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



47.8740, 11.4011, 29.9285



45.3290, -22.3472, 27.7755



36.8960, -5.8647, -32.3578



44.2890, 25.0005, -38.8415

Rectangle

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



47.8740, 11.4011, 29.9285



43.9130, -7.8451, 43.0493



36.8960, -5.8647, -32.3578



43.0860, 12.7756, -37.7864

Sweetspot

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



47.8740, 11.4011, 29.9285



94.2170, 4.3300, 11.2107



35.3740, 22.9866, 0.5490



46.0270, 2.4517, 6.9923



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



47.8740, 11.4011, 29.9285



53.4060, 18.0408, 47.0019



44.7960, -0.3924, 32.6279



38.5380, 0.7208, 2.1592



40.9710, 21.2133, 56.1534



90.5720, 47.0460, 124.0324

Inverse Universe

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



47.8740, 11.4011, 29.9285



53.4060, 18.0408, 47.0019



63.2040, 0.3924, -32.6279



38.5380, 0.7208, 2.1592



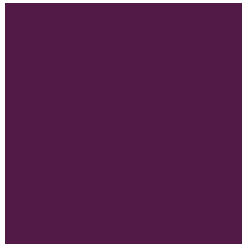
40.9710, 21.2133, 56.1534



90.5720, 47.0460, 124.0324

Previews

White Background



This preview shows how the YUV color 47.8740, 11.4011, 29.9285 looks on a white background.

Color Contrast Check

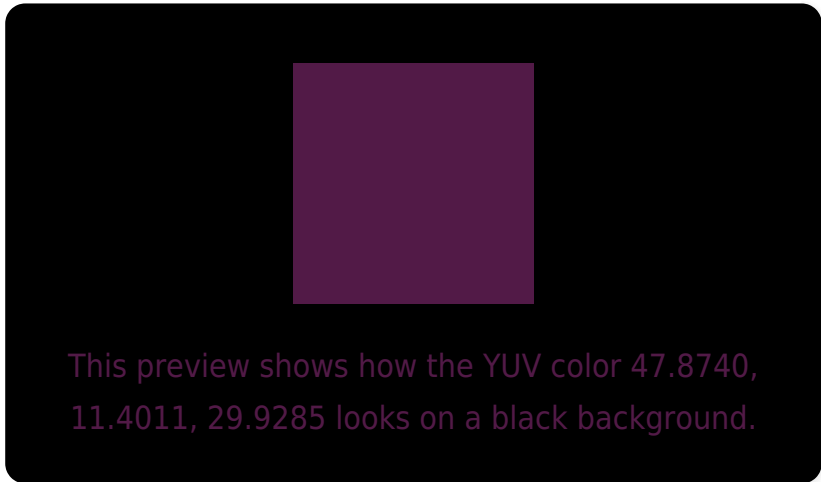
Large Text (above 18pt) WCAG AA ✓ Pass

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

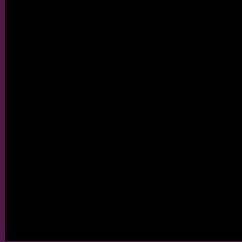
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.8740, 11.4011, 29.9285

Background



This preview shows how black text looks on a background with the YUV color 47.8740, 11.4011, 29.9285.



This preview shows how white text looks on a background with the YUV color 47.8740, 11.4011,

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

47.8740, 11.4011, 29.9285

Protanopia

47.1070, 21.1462, -15.8798

Deuteranopia

49.6710, 9.0362, -4.9735



Tritanopia

49.0850, -5.4649, 26.2355

Trichromacy



Original Color

47.8740, 11.4011, 29.9285

Protanomaly

47.2940, 17.6031, 0.6192

Deuteranomaly

49.2750, 9.7244, 7.6518

Tritanomaly

48.4040, 0.7868, 27.7097

Monochromacy



Original Color

47.8740, 11.4011, 29.9285

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

47.8040, 4.0406, 10.6959

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.8740, 11.4011, 29.9285 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(82, 26, 71)` looks like.

```
.text, #text, p{  
    color:rgb(82, 26, 71)  
}
```

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(82, 26, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 26, 71) }
```

Border

The CSS property to change the border of an element to YUV 47.8740, 11.4011, 29.9285 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(82, 26, 71) }
```


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

```
.border{ border-color:rgb(82, 26, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 26, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 26, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 26, 71);  
box-shadow:4px 4px 4px 4px rgb(82, 26, 71)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.8740, 11.4011, 29.9285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 26, 71) }
```

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

```
.background{ background-color: rgb(82, 26,  
71) }
```

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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