

Converting Colors

YUV(70.4740, 28.3603, 50.4503)

Have a look what the booklet for
YUV(70.4740, 28.3603, 50.4503)
contains.

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Color

**YUV(70.4740, 28.3603,
50.4503)**

Conversions

Conversions Part 1

Format	Color
Hex	801E80
RGB	128, 30, 128
RGB Percent	50%, 12%, 50%
CMY	0.4980, 0.8824, 0.4980
CMYK	0.00, 0.77, 0.00, 0.50
HSL	300°, 62%, 31%
HSV	300°, 77%, 50%
XYZ	13.2626, 7.0763, 21.0889
YIQ	70.4740, 26.9500, 51.2540

Conversions

Conversions Part 2

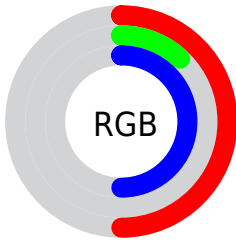
Format	Color
R_{YB}	128, 30, 128
Decimal	8396416
CIE _{Lab}	31.98, 52.53, -32.99
CIE _{LCh}	32, 62.030, 327.868
Yxy	7.0763, 0.3201, 0.1708
Android (android.graphics.Color)	4286586496 (0xFF801E80)
YUV	70.4740, 28.3603, 50.4503
Hunter-Lab	26.6012, 42.4431, -28.3830

Details

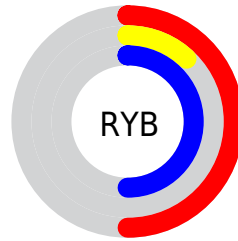
The YUV color **70.4740, 28.3603, 50.4503** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **87.5260, -28.3603, -50.4503**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.1320, 27.0499, 50.7502**, and **31.3170, 23.0147, 38.3100** is the 20% darker color. If you saturate the color by 10%, you get **62.8430, 32.1224, 57.1427**, and if you desaturate by 10%, it is **78.1050, 24.5982, 43.7579**.

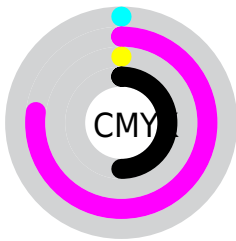
Distribution



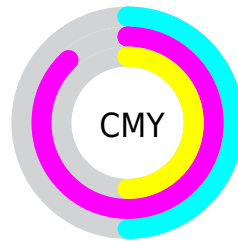
- Red (50%)
- Green (12%)
- Blue (50%)



- Red (50%)
- Yellow (12%)
- Blue (50%)



- Cyan (0%)
- Magenta (77%)
- Yellow (0%)
- Black (50%)





- Cyan (50%)
- Magenta (88%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the YUV color 70.4740, 28.3603, 50.4503 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 70.4740, 28.3603, 50.4503 by changing the saturation by 10% instead.


 70.4740, 28.3603,
50.4503

 70.4740, 28.3603,
50.4503


255.0000, 0.0000,
0.0000


 41.9410, 30.1021,
51.7947


 126.1320, 27.0499,
50.7502


 31.3170, 23.0147,
38.3100


 153.5450, 27.3393,
51.2650


 21.5190, 16.5061,
25.8548

 181.6700, 27.7707,
52.9094

 10.0410, 11.3188,
9.6110

 203.3440, 25.4664,
45.3023

 0.5700, 2.1840,
-0.4999

 219.7800, 17.3635,
30.8879

 0.0000, 0.0000,
0.0000

 236.8030, 8.9711,

15.9588

253.8260, 0.5788,
1.0296

■ 70.4740, 28.3603,
50.4503

■ 70.4740, 28.3603,
50.4503

■ 62.8430, 32.1224,
57.1427

■ 78.1050, 24.5982,
43.7579

■ 55.2120, 35.8845,
63.8351

■ 85.7360, 20.8362,
37.0655

■ 52.8640, 37.0420,
65.8943

■ 92.7800, 17.3635,
30.8879

■ 100.4110, 13.6014,
24.1956

■ 108.0420, 9.8393,
17.5032

■ 115.6730, 6.0772,
10.8108

■ 123.3040, 2.3151,
4.1184

■ 130.3480, -1.1576,
-2.0592

■ 137.9790, -4.9196,
-8.7516

Harmonies

Analogous

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



72.5950, 44.5697, -15.4308



70.4740, 28.3603, 50.4503



55.5790, 12.5326, 87.1922

Triad

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



70.4740, 28.3603, 50.4503



70.9680, -34.9872, 21.9531



69.4450, 24.9236, -60.9033

Complementary

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



70.4740, 28.3603, 50.4503



87.5260, -28.3603, -50.4503

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.



63.7450, 3.0837, -55.9044



70.4740, 28.3603, 50.4503



64.2470, -31.6738, -14.2486

Square

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



70.4740, 28.3603, 50.4503



68.2310, -33.6379, 55.9254



55.7140, -20.0720, -48.8612



72.0160, 42.3901, -63.1580

Rectangle

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



70.4740, 28.3603, 50.4503



52.5290, -1.7398, 91.6211



55.7140, -20.0720, -48.8612



67.6210, 17.9348, -59.3036

Sweetspot

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



70.4740, 28.3603, 50.4503



143.6940, 10.9969, 19.5624



41.1720, 42.8062, -9.7978



70.4990, 6.6560, 11.8404



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



70.4740, 28.3603, 50.4503



76.1890, 44.2768, 78.7642



64.8880, 6.9572, 55.3492



59.8910, 2.0257, 3.6036



52.8640, 37.0420, 65.8943



0.0000, 0.0000, 0.0000

Inverse Universe

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



70.4740, 28.3603, 50.4503



76.1890, 44.2768, 78.7642



93.1120, -6.9572, -55.3492



59.8910, 2.0257, 3.6036



52.8640, 37.0420, 65.8943



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 70.4740, 28.3603, 50.4503 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



This preview shows how the YUV color 70.4740, 28.3603, 50.4503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

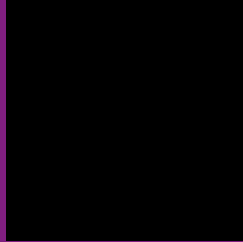
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.4740, 28.3603, 50.4503

Background



This preview shows how black text looks on a background with the YUV color 70.4740, 28.3603, 50.4503.



This preview shows how white text looks on a background with the YUV color 70.4740, 28.3603,

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

70.4740, 28.3603, 50.4503

Protanopia

61.3360, 47.1624, -53.7917

Deuteranopia

74.5410, 22.9043, -19.7685



Tritanopia

75.5920, -7.6869, 38.9458

Trichromacy



Original Color

70.4740, 28.3603, 50.4503

Protanomaly

64.7430, 40.0597, -15.5606

Deuteranomaly

73.2760, 25.0069, 5.8969

Tritanomaly

74.0560, 5.3954, 42.9239

Monochromacy



Original Color

70.4740, 28.3603, 50.4503

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.8680, 10.4181, 18.5328

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.4740, 28.3603, 50.4503 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(128, 30, 128)` looks like.

```
.text, #text, p{  
    color:rgb(128, 30, 128)  
}
```

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(128, 30, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 30, 128) }
```

Border

The CSS property to change the border of an element to YUV 70.4740, 28.3603, 50.4503 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(128, 30, 128) }
```


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

```
.border{ border-color:rgb(128, 30, 128) }
```

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

Here you see how a box with a 4 pixel rgb(128, 30, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 30, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 30, 128);  
box-shadow:4px 4px 4px 4px rgb(128, 30,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 70.4740, 28.3603, 50.4503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 30, 128) }
```

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

```
.background{ background-color: rgb(128, 30,  
128) }
```

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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