

Converting Colors

YUV(57.1470, 40.8465, 12.1491)

Have a look what the booklet for
YUV(57.1470, 40.8465, 12.1491)
contains.

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Color

**YUV(57.1470, 40.8465,
12.1491)**

Conversions

Conversions Part 1

Format	Color
Hex	47228C
RGB	71, 34, 140
RGB Percent	28%, 13%, 55%
CMY	0.7216, 0.8667, 0.4510
CMYK	0.49, 0.76, 0.00, 0.45
HSL	261°, 61%, 34%
HSV	261°, 76%, 55%
XYZ	7.9042, 4.3771, 25.2392
YIQ	57.1470, -11.9740, 40.8100

Conversions

Conversions Part 2

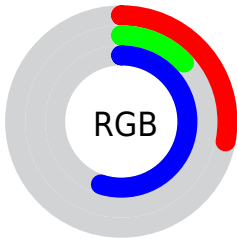
Format	Color
R_{YB}	71, 34, 140
Decimal	4661900
CIE _{Lab}	24.88, 42.03, -52.37
CIE _{LCh}	25, 67.155, 308.750
Yxy	4.3771, 0.2107, 0.1167
Android (android.graphics.Color)	4282851980 (0xFF47228C)
YUV	57.1470, 40.8465, 12.1491
Hunter-Lab	20.9215, 30.8250, -56.8810

Details

The YUV color **57.1470, 40.8465, 12.1491** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **116.8530, -40.8465, -12.1491**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.0380, 42.8723, 15.7527**, and **11.6410, 38.1380, -5.8242** is the 20% darker color. If you saturate the color by 10%, you get **46.2380, 46.2247, 13.8233**, and if you desaturate by 10%, it is **68.0560, 35.4684, 10.4749**.

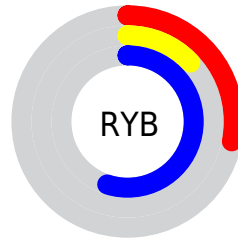
Distribution



Red (28%)

Green (13%)

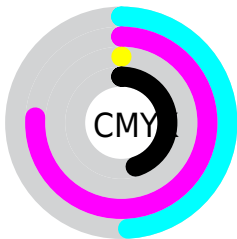
Blue (55%)



Red (28%)

Yellow (13%)

Blue (55%)

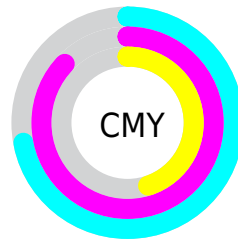


Cyan (49%)

Magenta (76%)

Yellow (0%)

Black (45%)



Cyan (72%)

Magenta (87%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.1470, 40.8465, 12.1491 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 57.1470, 40.8465, 12.1491 by changing the saturation by 10% instead.

■ 57.1470, 40.8465,
12.1491

■ 57.1470, 40.8465,
12.1491

■ 255.0000, 0.0000,
0.0000

■ 30.2500, 41.2888,
10.3048

■ 108.0380, 42.8723,
15.7527

■ 11.6410, 38.1380,
-5.8242

■ 134.8640, 43.4510,
16.7823

■ 7.2960, 27.9551,
-6.3986

■ 161.8040, 44.4666,
17.7119

■ 6.4350, 17.0405,
-5.6435

■ 186.0790, 33.9781,
21.8557

■ 2.7530, 8.0098,
-2.4144

■ 211.1860, 21.6003,
25.2699

■ 0.0000, 0.0000,
0.0000

■ 232.1070, 11.2862,

20.0772

248.5430, 3.1833,
5.6628

57.1470, 40.8465,
12.1491

57.1470, 40.8465,
12.1491

46.2380, 46.2247,
13.8233

68.0560, 35.4684,
10.4749

35.3290, 51.6028,
15.4975

78.9650, 30.0903,
8.8007

30.6110, 53.9288,
16.1272

89.8740, 24.7121,
7.1265

100.7830, 19.3340,
5.4523

111.9910, 13.8084,
4.3929

■ 122.9000, 8.4303,
2.7187

■ 133.8090, 3.0522,
1.0445

■ 144.7180, -2.3260,
-0.6297

■ 155.6270, -7.7041,
-2.3039

Harmonies

Analogous

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



54.8620, 52.8190, -48.1140



57.1470, 40.8465, 12.1491



48.7320, 23.7961, 67.7640

Triad

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



57.1470, 40.8465, 12.1491



54.8530, -27.0425, 40.4709



54.1080, 9.3138, -47.4527

Complementary

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



57.1470, 40.8465, 12.1491



116.8530, -40.8465, -12.1491

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.



46.6640, -14.1314, -40.9243



57.1470, 40.8465, 12.1491



54.3340, -26.7867, 4.9691

Square

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



57.1470, 40.8465, 12.1491



39.1690, -19.3103, 80.5358



42.2640, -20.8362, -37.0655



59.8080, 31.1537, -52.4516

Rectangle

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



57.1470, 40.8465, 12.1491



49.1560, 7.3181, 79.6702



42.2640, -20.8362, -37.0655



51.5830, 2.1776, -45.2383

Sweetspot

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



57.1470, 40.8465, 12.1491



148.2730, 16.1344, 5.0226



87.7610, 25.7538, -47.1484



71.6550, 10.0301, 2.9336



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



57.1470, 40.8465, 12.1491



52.1520, 63.5221, 19.1607



72.3960, 33.3288, 43.5027



63.3960, 2.7628, 0.5297



28.9160, 51.3134, 14.9827



1.1680, 1.8892, 0.7297

Inverse Universe

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



73.5600, 14.5139, 58.2679



77.6470, 22.8520, 90.6406



101.6040, -33.3288, -43.5027



64.5490, 0.7153, 3.9035



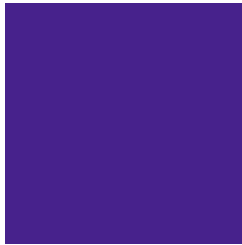
49.5710, 17.9595, 73.1672



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 57.1470, 40.8465, 12.1491 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 57.1470, 40.8465, 12.1491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

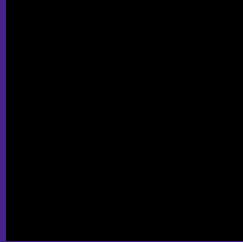
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 57.1470, 40.8465, 12.1491

Background



This preview shows how black text looks on a background with the YUV color 57.1470, 40.8465, 12.1491.



This preview shows how white text looks on a background with the YUV color 57.1470, 40.8465,

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

57.1470, 40.8465, 12.1491

Protanopia

47.8400, 36.0679, -41.9557

Deuteranopia

47.6630, 27.7741, -41.8005



Tritanopia

58.2810, 3.8055, -7.2624

Trichromacy



Original Color

57.1470, 40.8465, 12.1491

Protanomaly

51.1290, 37.8974, -22.0381

Deuteranomaly

51.0490, 32.5138, -21.9680

Tritanomaly

57.8810, 17.3137, 0.1044

Monochromacy



Original Color

57.1470, 40.8465, 12.1491

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

57.2190, 14.6820, 4.1929

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.1470, 40.8465, 12.1491 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, 34, 140)` looks like.

```
.text, #text, p{  
    color:rgb(71, 34, 140)  
}
```

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, 34, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 34, 140) }
```

Border

The CSS property to change the border of an element to YUV 57.1470, 40.8465, 12.1491 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, 34, 140) }
```


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

```
.border{ border-color:rgb(71, 34, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 34, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 34, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 34, 140);  
box-shadow:4px 4px 4px 4px rgb(71, 34,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 57.1470, 40.8465, 12.1491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 34, 140) }
```

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

```
.background{ background-color: rgb(71, 34,  
140) }
```

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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