

Converting Colors

YUV(47.9480, 12.3506, 5.3076)

Have a look what the booklet for
YUV(47.9480, 12.3506, 5.3076)
contains.

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Color

**YUV(47.9480, 12.3506,
5.3076)**

Conversions

Conversions Part 1

Format	Color
Hex	362849
RGB	54, 40, 73
RGB Percent	21%, 16%, 29%
CMY	0.7882, 0.8431, 0.7137
CMYK	0.26, 0.45, 0.00, 0.71
HSL	265°, 29%, 22%
HSV	265°, 45%, 29%
XYZ	3.4827, 2.7829, 6.6569
YIQ	47.9480, -2.2490, 13.2310

Conversions

Conversions Part 2

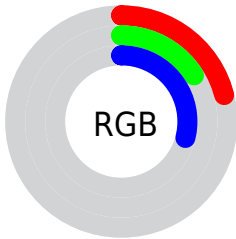
Format	Color
R_{YB}	54, 40, 73
Decimal	3549257
CIE _{Lab}	19.15, 14.55, -18.18
CIE _{LCh}	19, 23.288, 308.673
Yxy	2.7829, 0.2695, 0.2154
Android (android.graphics.Color)	4281739337 (0xFF362849)
YUV	47.9480, 12.3506, 5.3076
Hunter-Lab	16.6820, 8.0720, -11.9822

Details

The YUV color **47.9480, 12.3506, 5.3076** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **65.0520, -12.3506, -5.3076**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.3010, 13.6556, 6.7520**, and **6.1110, 11.7773, 2.5337** is the 20% darker color. If you saturate the color by 10%, you get **42.6430, 14.9660, 6.4521**, and if you desaturate by 10%, it is **53.2530, 9.7353, 4.1631**.

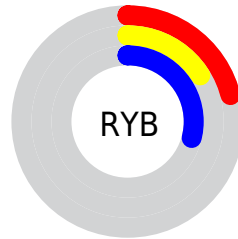
Distribution



 Red (21%)

 Green (16%)

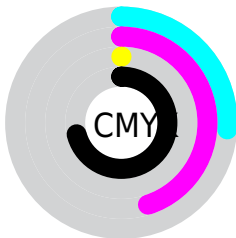
 Blue (29%)



 Red (21%)

 Yellow (16%)

 Blue (29%)

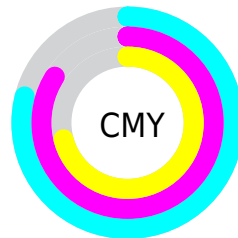


 Cyan (26%)

 Magenta (45%)

 Yellow (0%)

 Black (71%)



 Cyan (79%)

 Magenta (84%)

 Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.9480, 12.3506, 5.3076 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 47.9480, 12.3506, 5.3076 by changing the saturation by 10% instead.

■ 47.9480, 12.3506,
5.3076

■ 47.9480, 12.3506,
5.3076

■ 255.0000, 0.0000,
0.0000

■ 26.4210, 11.6244,
4.8928

■ 94.3010, 13.6556,
6.7520

■ 6.1110, 11.7773,
2.5337

■ 119.4150, 14.0924,
6.6520

■ 0.0000, 0.0000,
0.0000

■ 144.8280, 14.3818,
7.1668

■ 171.3550, 15.1080,
7.5817

■ 198.7680, 15.3974,
8.0965

■ 226.4260, 14.0870,

8.3964

249.1300, 2.8939,
5.1480

47.9480, 12.3506,
5.3076

47.9480, 12.3506,
5.3076

42.6430, 14.9660,
6.4521

53.2530, 9.7353,
4.1631

36.7510, 17.8708,
8.1114

59.1450, 6.8305,
2.5038

31.1470, 20.6335,
8.6411

64.7490, 4.0677,
1.9741

25.8420, 23.2489,
9.7856

70.0540, 1.4524,
0.8296

20.5370, 25.8643,
10.9301

75.9460, -1.4524,
-0.8296

■ 17.5910, 27.3166,
11.7597

■ 81.2510, -4.0677,
-1.9741

■ 86.5560, -6.6831,
-3.1186

■ 92.1600, -9.4459,
-3.6483

■ 98.0520, -12.3506,
-5.3076

Harmonies

Analogous

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



43.8850, 17.8047, -17.4391



47.9480, 12.3506, 5.3076



47.9130, 5.4659, 20.2473

Triad

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



47.9480, 12.3506, 5.3076



45.3970, -15.4787, 18.0688



38.0990, 6.3602, -33.4128

Complementary

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



47.9480, 12.3506, 5.3076



65.0520, -12.3506, -5.3076

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.



37.0690, -1.5130, -28.1245



47.9480, 12.3506, 5.3076



43.9780, -16.7512, 6.1583

Square

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



47.9480, 12.3506, 5.3076



45.9340, -9.8275, 25.4909



41.9700, -11.3242, -7.8667



39.3360, 13.6384, -34.4977

Rectangle

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



47.9480, 12.3506, 5.3076



47.2790, 0.3555, 26.0653



41.9700, -11.3242, -7.8667



37.4150, 3.7394, -32.8130

Sweetspot

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



47.9480, 12.3506, 5.3076



84.2760, 4.7939, 2.3889



54.9150, 8.9159, -13.0805



42.1080, 2.9048, 1.6593



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



47.9480, 12.3506, 5.3076



55.3920, 19.0337, 8.4262



52.7320, 9.9921, 15.1440



33.0540, 1.4524, 0.8296



23.8440, 37.0519, 15.9228



54.5820, 85.0021, 36.3236

Inverse Universe

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



52.0330, 3.4347, 18.3881



61.6690, 5.5862, 28.3543



60.2680, -9.9921, -15.1440



33.4240, 0.2840, 2.2592



36.0990, 10.3042, 55.1642



82.8070, 23.7591, 126.4573

Previews

White Background



This preview shows how the YUV color 47.9480, 12.3506, 5.3076 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 47.9480, 12.3506, 5.3076 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 47.9480, 12.3506, 5.3076

Background



This preview shows how black text looks on a background with the YUV color 47.9480, 12.3506, 5.3076.



This preview shows how white text looks on a background with the YUV color 47.9480, 12.3506,

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

47.9480, 12.3506, 5.3076

Protanopia

45.7610, 15.8938, -11.1914

Deuteranopia

45.9630, 12.8362, -10.4916



Tritanopia

46.9510, 1.0102, 2.6740

Trichromacy



Original Color

47.9480, 12.3506, 5.3076

Protanomaly

46.7510, 14.4198, -5.0436

Deuteranomaly

46.2950, 12.6726, -4.6437

Tritanomaly

47.1020, 5.3727, 3.4185

Monochromacy



Original Color

47.9480, 12.3506, 5.3076

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

47.8630, 4.5045, 1.8741

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.9480, 12.3506, 5.3076 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(54, 40, 73)` looks like.

```
.text, #text, p{  
    color:rgb(54, 40, 73)  
}
```

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(54, 40, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 40, 73) }
```

Border

The CSS property to change the border of an element to YUV 47.9480, 12.3506, 5.3076 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(54, 40, 73) }
```


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

```
.border{ border-color:rgb(54, 40, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 40, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 40, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 40, 73);  
box-shadow:4px 4px 4px 4px rgb(54, 40, 73)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.9480, 12.3506, 5.3076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 40, 73) }
```

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

```
.background{ background-color: rgb(54, 40,  
73) }
```

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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