

Converting Colors

YUV(54.6290, 9.5499, 16.9884)

Have a look what the booklet for
YUV(54.6290, 9.5499, 16.9884)
contains.

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Color

**YUV(54.6290, 9.5499,
16.9884)**

Conversions

Conversions Part 1

Format	Color
Hex	4A294A
RGB	74, 41, 74
RGB Percent	29%, 16%, 29%
CMY	0.7098, 0.8392, 0.7098
CMYK	0.00, 0.45, 0.00, 0.71
HSL	300°, 29%, 23%
HSV	300°, 45%, 29%
XYZ	4.8530, 3.5361, 6.9053
YIQ	54.6290, 9.0750, 17.2590

Conversions

Conversions Part 2

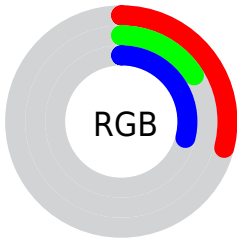
Format	Color
R_{YB}	74, 41, 74
Decimal	4860234
CIE _{Lab}	22.07, 21.38, -14.11
CIE _{LCh}	22, 25.616, 326.572
Yxy	3.5361, 0.3173, 0.2312
Android (android.graphics.Color)	4283050314 (0xFF4A294A)
YUV	54.6290, 9.5499, 16.9884
Hunter-Lab	18.8046, 13.1584, -8.6089

Details

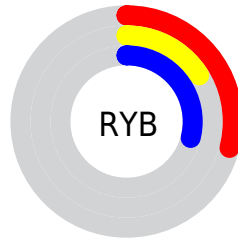
The YUV color **54.6290, 9.5499, 16.9884** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **60.3710, -9.5499, -16.9884**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.1670, 10.2707, 19.1475**, and **12.9880, 8.3869, 16.6735** is the 20% darker color. If you saturate the color by 10%, you get **50.5200, 11.5756, 20.5920**, and if you desaturate by 10%, it is **58.7380, 7.5242, 13.3848**.

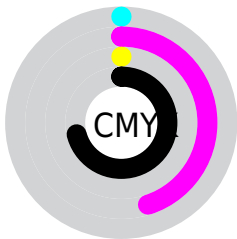
Distribution



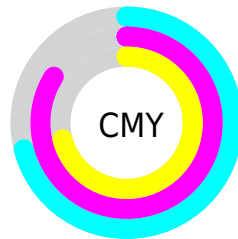
- Red (29%)
- Green (16%)
- Blue (29%)



- Red (29%)
- Yellow (16%)
- Blue (29%)



- Cyan (0%)
- Magenta (45%)
- Yellow (0%)
- Black (71%)



- Cyan (71%)
- Magenta (84%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.6290, 9.5499, 16.9884 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 54.6290, 9.5499, 16.9884 by changing the saturation by 10% instead.

■ 54.6290, 9.5499,
16.9884

■ 54.6290, 9.5499,
16.9884

■ 255.0000, 0.0000,
0.0000

■ 32.2160, 9.2605,
16.4736

■ 102.1670, 10.2707,
19.1475

■ 12.9880, 8.3869,
16.6735

■ 127.5800, 10.5601,
19.6623

■ 0.1140, 0.4368,
-0.1000

■ 153.8790, 10.4127,
20.2771

■ 0.0000, 0.0000,
0.0000

■ 180.4060, 11.1388,
20.6919

■ 208.1180, 11.2808,
21.8215

■ 233.8680, 10.4181,

18.5328

250.8910, 2.0257,
3.6036

54.6290, 9.5499,
16.9884

54.6290, 9.5499,
16.9884

50.5200, 11.5756,
20.5920

58.7380, 7.5242,
13.3848

45.8240, 13.8908,
24.7104

63.4340, 5.2090,
9.2664

41.7150, 15.9165,
28.3139

67.5430, 3.1833,
5.6628

37.0190, 18.2316,
32.4323

72.2390, 0.8682,
1.5444

32.9100, 20.2574,
36.0359

76.3480, -1.1576,
-2.0592

■ 30.5620, 21.4149,
38.0951

■ 80.4570, -3.1833,
-5.6628

■ 85.1530, -5.4984,
-9.7812

■ 89.2620, -7.5242,
-13.3848

■ 93.9580, -9.8393,
-17.5032

Harmonies

Analogous

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



53.6310, 16.4509, -3.1844



54.6290, 9.5499, 16.9884



53.2300, 1.3656, 28.7393

Triad

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



54.6290, 9.5499, 16.9884



50.8540, -18.6620, 12.4060



44.2600, 12.1968, -38.8160

Complementary

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



54.6290, 9.5499, 16.9884



60.3710, -9.5499, -16.9884

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.



42.0940, 3.8977, -36.9164



54.6290, 9.5499, 16.9884



49.4500, -15.9978, -2.1486

Square

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



54.6290, 9.5499, 16.9884



52.1420, -15.3530, 24.4315



45.3320, -7.0657, -20.4622



44.7960, 19.3276, -39.2861

Rectangle

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



54.6290, 9.5499, 16.9884



52.3460, -4.6076, 31.2686



45.3320, -7.0657, -20.4622



43.5760, 9.5760, -38.2162

Sweetspot

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



54.6290, 9.5499, 16.9884



89.3690, 3.7621, 6.6924



44.7620, 14.4143, -3.2993



43.8910, 2.0257, 3.6036



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.



54.6290, 9.5499, 16.9884



66.4760, 15.0483, 26.7695



52.8050, 2.5611, 18.5880



35.6520, 1.1576, 2.0592



42.1260, 29.5179, 52.5095



94.9900, 66.5599, 118.4038

Inverse Universe

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



54.6290, 9.5499, 16.9884



66.4760, 15.0483, 26.7695



62.3090, -2.1243, -18.6880



35.6520, 1.1576, 2.0592



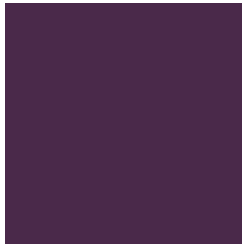
42.1260, 29.5179, 52.5095



94.9900, 66.5599, 118.4038

Previews

White Background



This preview shows how the YUV color 54.6290, 9.5499, 16.9884 looks on a white background.

Color Contrast Check

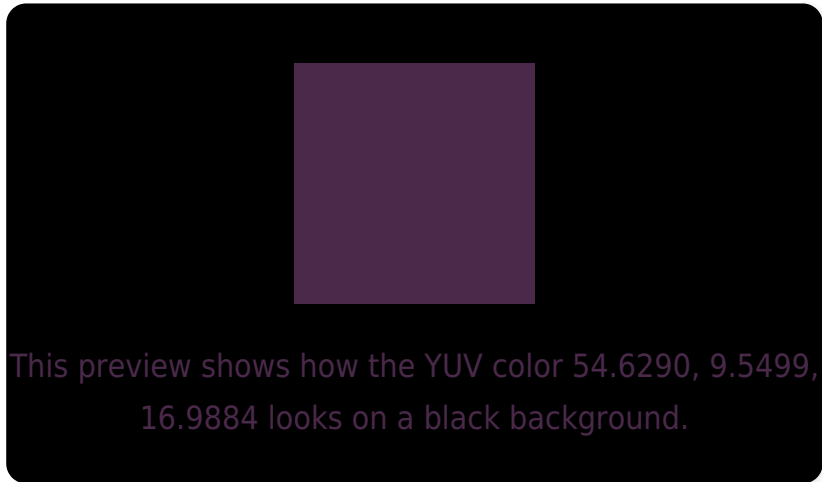
Large Text (above 18pt) WCAG AA ✓ Pass

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

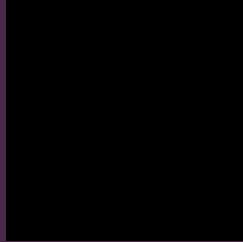
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.6290, 9.5499, 16.9884

Background



This preview shows how black text looks on a background with the YUV color 54.6290, 9.5499, 16.9884.



This preview shows how white text looks on a background with the YUV color 54.6290, 9.5499,

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

54.6290, 9.5499, 16.9884

Protanopia

52.5440, 15.0148, -9.2471

Deuteranopia

53.6710, 9.0362, -4.9735



Tritanopia

53.9310, -1.9380, 14.9695

Trichromacy



Original Color

54.6290, 9.5499, 16.9884

Protanomaly

53.4420, 13.0931, 0.4894

Deuteranomaly

54.1280, 9.3039, 2.5187

Tritanomaly

54.0820, 2.4246, 15.7141

Monochromacy



Original Color

54.6290, 9.5499, 16.9884

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.9560, 3.4727, 6.1776

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.6290, 9.5499, 16.9884 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(74, 41, 74)` looks like.

```
.text, #text, p{  
    color:rgb(74, 41, 74)  
}
```

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(74, 41, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 41, 74) }
```

Border

The CSS property to change the border of an element to YUV 54.6290, 9.5499, 16.9884 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(74, 41, 74) }
```


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

```
.border{ border-color:rgb(74, 41, 74) }
```

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

Here you see how a box with a 4 pixel rgb(74, 41, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 41, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 41, 74);  
box-shadow:4px 4px 4px 4px rgb(74, 41, 74)  
}
```

Background

The CSS property to change the background color of an element to YUV 54.6290, 9.5499, 16.9884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 41, 74) }
```

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

```
.background{ background-color: rgb(74, 41,  
74) }
```

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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