

Converting Colors

YUV(35.0470, 19.2038, 47.3168)

Have a look what the booklet for
YUV(35.0470, 19.2038, 47.3168)
contains.

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Color

**YUV(35.0470, 19.2038,
47.3168)**

Conversions

Conversions Part 1

Format	Color
Hex	59004A
RGB	89, 0, 74
RGB Percent	35%, 0%, 29%
CMY	0.6510, 1.0000, 0.7098
CMYK	0.00, 1.00, 0.17, 0.65
HSL	310°, 100%, 17%
HSV	310°, 100%, 35%
XYZ	5.3559, 2.6183, 6.7017
YIQ	35.0470, 29.2900, 41.8820

Conversions

Conversions Part 2

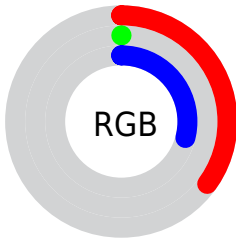
Format	Color
R_{YB}	89, 0, 74
Decimal	5832778
CIE _{Lab}	18.45, 43.22, -19.58
CIE _{LCh}	18, 47.447, 335.631
Yxy	2.6183, 0.3649, 0.1784
Android (android.graphics.Color)	4284022858 (0xFF59004A)
YUV	35.0470, 19.2038, 47.3168
Hunter-Lab	16.1810, 30.7659, -13.2292

Details

The YUV color **35.0470, 19.2038, 47.3168** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **53.9530, -19.2038, -47.3168**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **91.1130, 15.7203, 44.6279**, and **15.9780, 6.9128, 22.8213** is the 20% darker color. If you saturate the color by 10%, you get **35.0470, 19.2038, 47.3168**, and if you desaturate by 10%, it is **40.4440, 17.0361, 42.5836**.

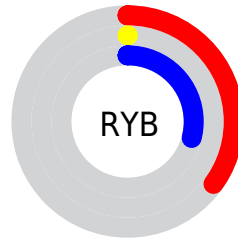
Distribution



Red (35%)

Green (0%)

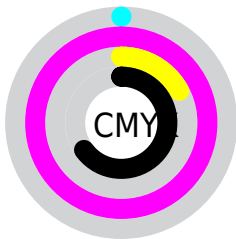
Blue (29%)



Red (35%)

Yellow (0%)

Blue (29%)

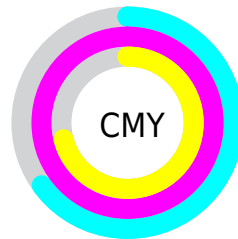


Cyan (0%)

Magenta (100%)

Yellow (17%)

Black (65%)



Cyan (65%)

Magenta (100%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 35.0470, 19.2038, 47.3168 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 35.0470, 19.2038, 47.3168 by changing the saturation by 10% instead.

■ 35.0470, 19.2038,
47.3168

■ 35.0470, 19.2038,
47.3168

■ 252.0650, 1.4470,
2.5740

■ 24.9500, 12.8427,
34.2468

■ 91.1130, 15.7203,
44.6279

■ 15.9780, 6.9128,
22.8213

■ 117.7110, 15.4255,
45.8575

■ 0.0000, 0.0000,
0.0000

■ 144.4230, 15.5675,
46.9870

■ 171.4340, 15.5620,
48.7314

■ 199.4340, 15.5620,
48.7314

■ 218.0190, 18.2316,

32.4323

■ 235.0420, 9.8393,
17.5032

■ 35.0470, 19.2038,
47.3168

■ 40.4440, 17.0361,
42.5836

■ 45.9550, 15.3052,
37.7505

■ 51.3520, 13.1375,
33.0173

■ 56.8630, 11.4065,
28.1841

■ 62.3740, 9.6756,
23.3510

■ 67.1840, 7.7973,
19.1326

■ 72.6950, 6.0664,
14.2995

■ 78.0920, 3.8986,
9.5663

■ 83.4890, 1.7309,
4.8331

Harmonies

Analogous

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



45.0630, 28.0699, 3.4527



35.0470, 19.2038, 47.3168



35.0580, 2.4364, 58.7081

Triad

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



35.0470, 19.2038, 47.3168



42.2510, -20.8297, 7.6729



44.3230, 20.0538, -38.8713

Complementary

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



35.0470, 19.2038, 47.3168



53.9530, -19.2038, -47.3168

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.



39.8600, 5.4920, -34.9572



35.0470, 19.2038, 47.3168



34.4000, -16.9592, -20.5218

Square

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



35.0470, 19.2038, 47.3168



42.1060, -20.7583, 31.4790



34.9410, -10.8169, -30.6433



45.1840, 30.9683, -39.6264

Rectangle

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



35.0470, 19.2038, 47.3168



31.9520, -6.8783, 59.6781



34.9410, -10.8169, -30.6433



43.0690, 15.2490, -37.7715

Sweetspot

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



35.0470, 19.2038, 47.3168



93.7710, 7.5079, 18.6178



14.6310, 36.6639, 0.3236



46.2170, 4.3300, 11.2107



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



35.0470, 19.2038, 47.3168



45.2150, 24.5440, 61.2014



30.0310, -0.0153, 51.7158



40.6520, 1.1576, 2.0592



42.1390, 23.1025, 56.8831



92.4950, 50.5350, 124.9769

Inverse Universe

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



35.0470, 19.2038, 47.3168



45.2150, 24.5440, 61.2014



58.9690, 0.0153, -51.7158



40.6520, 1.1576, 2.0592



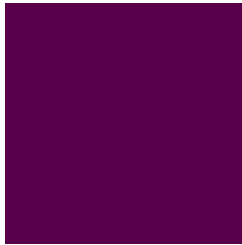
42.1390, 23.1025, 56.8831



92.4950, 50.5350, 124.9769

Previews

White Background



This preview shows how the YUV color 35.0470, 19.2038, 47.3168 looks on a white background.

Color Contrast Check

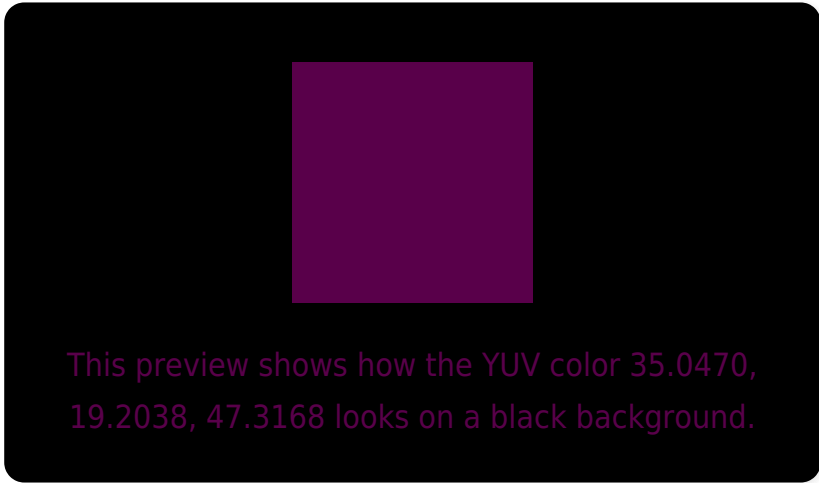
Large Text (above 18pt) WCAG AA ✓ Pass

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

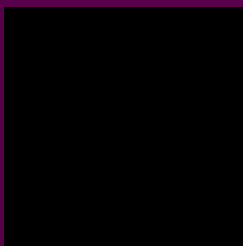
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 35.0470, 19.2038, 47.3168

Background



This preview shows how black text looks on a background with the YUV color 35.0470, 19.2038, 47.3168.



This preview shows how white text looks on a background with the YUV color 35.0470, 19.2038,

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



Protanopia

39.1030, 30.5152, -34.2933

Deuteranopia

49.1870, 9.7678, -6.3030

Tritanopia

45.9720, -7.3812, 34.2276

Trichromacy



Protanomaly

37.5520, 26.3499, -4.8691

Deuteranomaly

43.9320, 13.3445, 13.2146

Tritanomaly

41.6380, 2.6435, 38.9055

Monochromacy



Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

34.9450, 6.9291, 17.5882

CSS Examples

Text

The CSS property to change the color of the text to YUV 35.0470, 19.2038, 47.3168 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(89, 0, 74)` looks like.

```
.text, #text, p{  
    color:rgb(89, 0, 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(89, 0, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 0, 74) }
```

Border

The CSS property to change the border of an element to YUV 35.0470, 19.2038, 47.3168 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(89, 0, 74) }
```

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

```
.border{ border-color:rgb(89, 0, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 0, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 0, 74); -webkit-box-shadow:4px  
4px 4px 4px rgb(89, 0, 74); box-shadow:4px  
4px 4px 4px rgb(89, 0, 74) }
```


Background

The CSS property to change the background color of an element to YUV 35.0470, 19.2038, 47.3168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 0, 74) }
```

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

```
.background{ background-color: rgb(89, 0,  
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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