

Converting Colors

YUV(54.4470, 19.0066, 17.1480)

Have a look what the booklet for
YUV(54.4470, 19.0066, 17.1480)
contains.

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Color

**YUV(54.4470, 19.0066,
17.1480)**

Conversions

Conversions Part 1

Format	Color
Hex	4A255D
RGB	74, 37, 93
RGB Percent	29%, 15%, 36%
CMY	0.7098, 0.8549, 0.6353
CMYK	0.20, 0.60, 0.00, 0.64
HSL	280°, 43%, 25%
HSV	280°, 60%, 36%
XYZ	5.4614, 3.5693, 10.7570
YIQ	54.4470, 4.0760, 25.2600

Conversions

Conversions Part 2

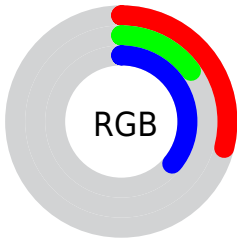
Format	Color
RYB	74, 37, 93
Decimal	4859229
CIELab	22.19, 28.32, -26.61
CIElCh	22, 38.855, 316.782
Yxy	3.5693, 0.2760, 0.1804
Android (android.graphics.Color)	4283049309 (0xFF4A255D)
YUV	54.4470, 19.0066, 17.1480
Hunter-Lab	18.8926, 18.5381, -20.5336

Details

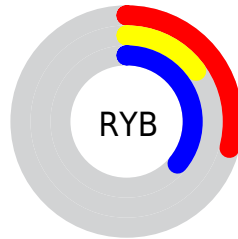
The YUV color **54.4470, 19.0066, 17.1480** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **75.5530, -19.0066, -17.1480**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.8000, 20.3116, 18.5924**, and **14.3280, 16.1073, 13.7443** is the 20% darker color. If you saturate the color by 10%, you get **48.2670, 22.0534, 19.9368**, and if you desaturate by 10%, it is **60.6270, 15.9599, 14.3591**.

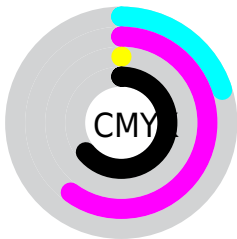
Distribution



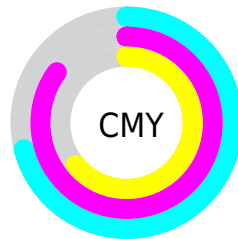
- Red (29%)
- Green (15%)
- Blue (36%)



- Red (29%)
- Yellow (15%)
- Blue (36%)



- Cyan (20%)
- Magenta (60%)
- Yellow (0%)
- Black (64%)



- Cyan (71%)
- Magenta (85%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.4470, 19.0066, 17.1480 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 54.4470, 19.0066, 17.1480 by changing the saturation by 10% instead.

■ 54.4470, 19.0066,
17.1480

■ 54.4470, 19.0066,
17.1480

■ 255.0000, 0.0000,
0.0000

■ 31.0340, 18.7172,
16.6332

■ 102.8000, 20.3116,
18.5924

■ 14.3280, 16.1073,
13.7443

■ 128.5120, 20.4536,
19.7220

■ 3.4370, 10.6306,
-3.0142

■ 154.4520, 21.4692,
20.6516

■ 0.0000, 0.0000,
0.0000


■ 181.8650, 21.7586,
21.1664


■ 209.3920, 22.4847,
21.5812


■ 232.1070, 11.2862,


20.0772

 248.5430, 3.1833,
5.6628


 54.4470, 19.0066,
17.1480


 54.4470, 19.0066,
17.1480

 48.2670, 22.0534,
19.9368


 60.6270, 15.9599,
14.3591


 41.5000, 25.3895,
23.2405


 67.3940, 12.6238,
11.0555

 35.3200, 28.4362,
26.0294

 73.5740, 9.5770,
8.2666

 28.8410, 31.6304,
28.2034

 80.0530, 6.3829,
6.0925

 86.8200, 3.0467,
2.7889

■ 93.0000, 0.0000,
0.0000

■ 99.1800, -3.0467,
-2.7889

■ 105.3600, -6.0935,
-5.5777

■ 112.1270, -9.4296,
-8.8814

Harmonies

Analogous

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



46.8480, 30.6409, -27.9307



54.4470, 19.0066, 17.1480



49.8540, 8.4530, 42.2240

Triad

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



54.4470, 19.0066, 17.1480



50.6120, -24.9517, 23.1423



46.6080, 11.0393, -40.8752

Complementary

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



54.4470, 19.0066, 17.1480



75.5530, -19.0066, -17.1480

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.



42.6010, -1.7753, -37.3611



54.4470, 19.0066, 17.1480



49.0070, -24.1605, 2.6249

Square

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



54.4470, 19.0066, 17.1480



49.5030, -19.4750, 39.9009



40.5950, -16.0693, -25.9548



48.9850, 22.6854, -42.9598

Rectangle

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



54.4470, 19.0066, 17.1480



47.4220, 0.2850, 48.7419



40.5950, -16.0693, -25.9548



45.4680, 6.6713, -39.8754

Sweetspot

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



54.4470, 19.0066, 17.1480



104.9930, 7.3985, 7.0221



55.1240, 18.6729, -15.8947



52.1730, 4.3517, 4.2333



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



54.4470, 19.0066, 17.1480



60.8470, 29.1624, 26.4442



59.2160, 12.7115, 29.6286



42.4670, 1.7418, 1.3444



34.0680, 37.4345, 33.2664



73.9610, 80.3782, 72.8252

Inverse Universe

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



55.9100, 0.0444, 32.5279



63.0200, -0.0099, 49.9715



70.7840, -12.7115, -29.6286



42.7230, 0.1366, 2.8739



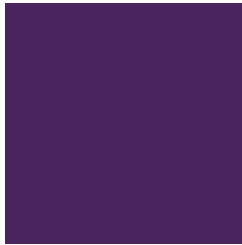
37.1080, -0.0532, 63.9263



79.9830, 0.0084, 137.7039

Previews

White Background



This preview shows how the YUV color 54.4470, 19.0066, 17.1480 looks on a white background.

Color Contrast Check

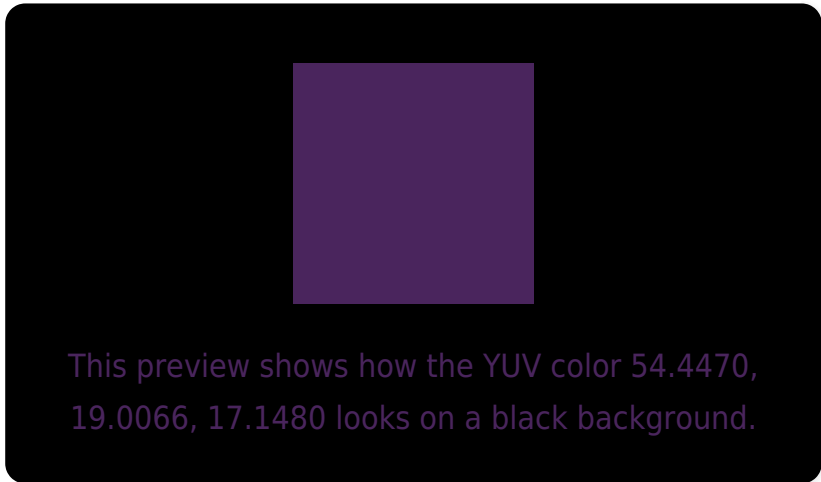
Large Text (above 18pt) WCAG AA ✓ Pass

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

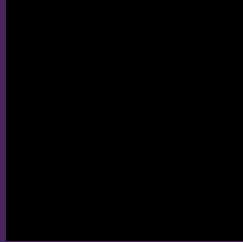
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.4470, 19.0066, 17.1480

Background



This preview shows how black text looks on a background with the YUV color 54.4470, 19.0066, 17.1480.



This preview shows how white text looks on a background with the YUV color 54.4470, 19.0066,

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

54.4470, 19.0066, 17.1480

Protanopia

47.3210, 29.9147, -28.3455

Deuteranopia

50.9280, 19.2625, -18.3539



Tritanopia

54.4360, -1.2009, 11.8956

Trichromacy



Original Color

54.4470, 19.0066, 17.1480

Protanomaly

50.0950, 26.0822, -12.3613

Deuteranomaly

52.3040, 19.0771, -5.5286

Tritanomaly

54.3960, 6.2138, 13.6847

Monochromacy



Original Color

54.4470, 19.0066, 17.1480

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

54.1670, 6.8197, 5.9925

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.4470, 19.0066, 17.1480 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, 37, 93)` looks like.

```
.text, #text, p{  
    color:rgb(74, 37, 93)  
}
```

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, 37, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 37, 93) }
```

Border

The CSS property to change the border of an element to YUV 54.4470, 19.0066, 17.1480 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, 37, 93) }
```


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

```
.border{ border-color:rgb(74, 37, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 37, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 37, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 37, 93);  
box-shadow:4px 4px 4px 4px rgb(74, 37, 93)  
}
```

Background

The CSS property to change the background color of an element to YUV 54.4470, 19.0066, 17.1480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 37, 93) }
```

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

```
.background{ background-color: rgb(74, 37,  
93) }
```

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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