

Converting Colors

YUV(54.2980, 8.2341, 19.0327)

Have a look what the booklet for
YUV(54.2980, 8.2341, 19.0327)
contains.

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Color

**YUV(54.2980, 8.2341,
19.0327)**

Conversions

Conversions Part 1

Format	Color
Hex	4C2847
RGB	76, 40, 71
RGB Percent	30%, 16%, 28%
CMY	0.7020, 0.8431, 0.7216
CMYK	0.00, 0.47, 0.07, 0.70
HSL	308°, 31%, 23%
HSV	308°, 47%, 30%
XYZ	4.8766, 3.5090, 6.3815
YIQ	54.2980, 11.5050, 17.2730

Conversions

Conversions Part 2

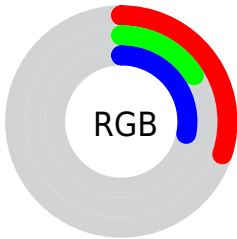
Format	Color
R_{YB}	76, 40, 71
Decimal	4991047
CIE Lab	21.98, 22.10, -12.21
CIE LCh	22, 25.248, 331.079
Yxy	3.5090, 0.3302, 0.2376
Android (android.graphics.Color)	4283181127 (0xFF4C2847)
YUV	54.2980, 8.2341, 19.0327
Hunter-Lab	18.7324, 13.6874, -7.0855

Details

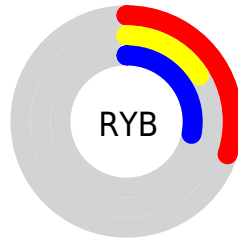
The YUV color **54.2980, 8.2341, 19.0327** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **61.7020, -8.2341, -19.0327**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.7220, 8.5181, 21.2918**, and **13.0590, 7.3659, 17.4883** is the 20% darker color. If you saturate the color by 10%, you get **49.4880, 10.1124, 23.2510**, and if you desaturate by 10%, it is **59.1080, 6.3558, 14.8143**.

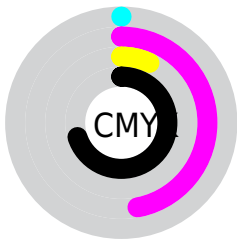
Distribution



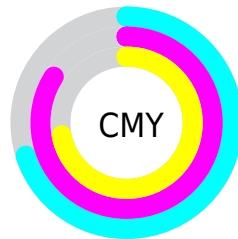
- Red (30%)
- Green (16%)
- Blue (28%)



- Red (30%)
- Yellow (16%)
- Blue (28%)



- Cyan (0%)
- Magenta (47%)
- Yellow (7%)
- Black (70%)



- Cyan (70%)
- Magenta (84%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.2980, 8.2341, 19.0327 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 54.2980, 8.2341, 19.0327 by changing the saturation by 10% instead.

■ 54.2980, 8.2341,
19.0327

■ 54.2980, 8.2341,
19.0327

■ 255.0000, 0.0000,
0.0000

■ 31.9990, 8.3815,
18.4179

■ 101.7220, 8.5181,
21.2918

■ 13.0590, 7.3659,
17.4883

■ 127.1350, 8.8074,
21.8066

■ 0.0000, 0.0000,
0.0000

■ 153.5480, 9.0968,
22.3214

■ 180.2600, 9.2388,
23.4510

■ 207.6730, 9.5282,
23.9658

■ 233.2810, 10.7075,

19.0476

250.3040, 2.3151,
4.1184

54.2980, 8.2341,
19.0327

54.2980, 8.2341,
19.0327

49.4880, 10.1124,
23.2510

59.1080, 6.3558,
14.8143

45.2650, 11.7014,
26.9546

63.3310, 4.7668,
11.1107

40.4550, 13.5797,
31.1730

68.1410, 2.8885,
6.8923

36.2320, 15.1686,
34.8765

72.3640, 1.2995,
3.1888

31.4220, 17.0470,
39.0949

77.1740, -0.5788,
-1.0296

■ 30.1340, 17.1889,
40.2245

■ 81.9840, -2.4571,
-5.2480

■ 86.2070, -4.0461,
-8.9515

■ 91.0170, -5.9244,
-13.1699

■ 95.3540, -7.0765,
-16.9735

Harmonies

Analogous

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



53.4250, 15.5665, 0.5043



54.2980, 8.2341, 19.0327



52.8880, 0.0552, 29.0392

Triad

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



54.2980, 8.2341, 19.0327



50.5440, -18.5092, 10.0469



44.4880, 13.0704, -39.0160

Complementary

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



54.2980, 8.2341, 19.0327



61.7020, -8.2341, -19.0327

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.



42.4360, 5.2081, -37.2164



54.2980, 8.2341, 19.0327



48.4820, -14.5346, -4.8077

Square

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



54.2980, 8.2341, 19.0327



51.7180, -15.6370, 22.1723



44.1790, -5.0182, -23.8360



44.3230, 20.0538, -38.8713

Rectangle

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



54.2980, 8.2341, 19.0327



52.2920, -6.0600, 30.4389



44.1790, -5.0182, -23.8360



43.8040, 10.4496, -38.4161

Sweetspot

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



54.2980, 8.2341, 19.0327



91.2550, 3.3253, 6.7924



45.5990, 14.9877, -0.5253



45.6030, 2.1677, 4.7332



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



54.2980, 8.2341, 19.0327



65.3300, 13.1483, 29.5286



52.2460, 0.3717, 20.8323



35.6520, 1.1576, 2.0592



40.5300, 23.4027, 53.9092



91.3420, 52.5824, 121.6031

Inverse Universe

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



54.2980, 8.2341, 19.0327



65.3300, 13.1483, 29.5286



63.7540, -0.3717, -20.8323



35.6520, 1.1576, 2.0592



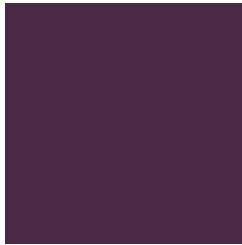
40.5300, 23.4027, 53.9092



91.3420, 52.5824, 121.6031

Previews

White Background



This preview shows how the YUV color 54.2980, 8.2341, 19.0327 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

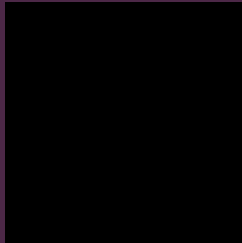
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.2980, 8.2341, 19.0327

Background



This preview shows how black text looks on a background with the YUV color 54.2980, 8.2341, 19.0327.



This preview shows how white text looks on a background with the YUV color 54.2980, 8.2341, 19.0327.

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

54.2980, 8.2341, 19.0327

Protanopia

52.6150, 13.9938, -8.4324

Deuteranopia

53.3400, 7.7204, -2.9292



Tritanopia

53.7140, -2.8170, 16.9138

Trichromacy



Original Color

54.2980, 8.2341, 19.0327

Protanomaly

53.3990, 11.6353, 1.4041

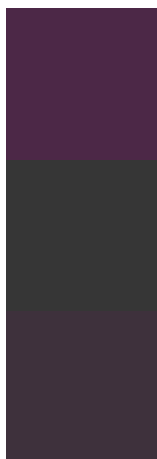
Deuteranomaly

53.7970, 7.9881, 4.5630

Tritanomaly

53.7510, 1.1088, 17.7584

Monochromacy



Original Color

54.2980, 8.2341, 19.0327

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

54.1410, 2.8885, 6.8923

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.2980, 8.2341, 19.0327 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(76, 40, 71)` looks like.

```
.text, #text, p{  
    color:rgb(76, 40, 71)  
}
```

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(76, 40, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 40, 71) }
```

Border

The CSS property to change the border of an element to YUV 54.2980, 8.2341, 19.0327 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(76, 40, 71) }
```


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

```
.border{ border-color:rgb(76, 40, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 40, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 40, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 40, 71);  
box-shadow:4px 4px 4px 4px rgb(76, 40, 71)  
}
```

Background

The CSS property to change the background color of an element to YUV 54.2980, 8.2341, 19.0327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 40, 71) }
```

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

```
.background{ background-color: rgb(76, 40,  
71) }
```

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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