

Converting Colors

YUV(51.9050, 14.3438, 19.3773)

Have a look what the booklet for
YUV(51.9050, 14.3438, 19.3773)
contains.

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Color

**YUV(51.9050, 14.3438,
19.3773)**

Conversions

Conversions Part 1

Format	Color
Hex	4A2351
RGB	74, 35, 81
RGB Percent	29%, 14%, 32%
CMY	0.7098, 0.8627, 0.6824
CMYK	0.09, 0.57, 0.00, 0.68
HSL	291°, 40%, 23%
HSV	291°, 57%, 32%
XYZ	4.9103, 3.2520, 8.1535
YIQ	51.9050, 8.4780, 22.5740

Conversions

Conversions Part 2

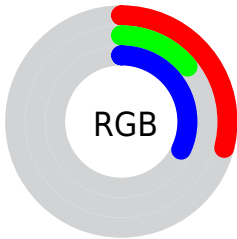
Format	Color
R_{YB}	74, 35, 81
Decimal	4858705
CIE _{Lab}	21.03, 26.62, -20.46
CIE _{LCh}	21, 33.579, 322.457
Yxy	3.2520, 0.3010, 0.1993
Android (android.graphics.Color)	4283048785 (0xFF4A2351)
YUV	51.9050, 14.3438, 19.3773
Hunter-Lab	18.0333, 17.0455, -14.1838

Details

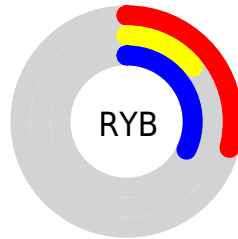
The YUV color **51.9050, 14.3438, 19.3773** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **64.0950, -14.3438, -19.3773**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.1440, 15.2120, 20.9217**, and **13.6720, 11.0077, 16.0737** is the 20% darker color. If you saturate the color by 10%, you get **46.9100, 16.8064, 22.8809**, and if you desaturate by 10%, it is **56.9000, 11.8813, 15.8737**.

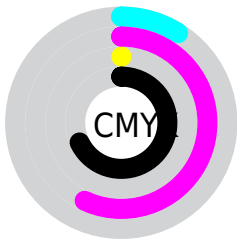
Distribution



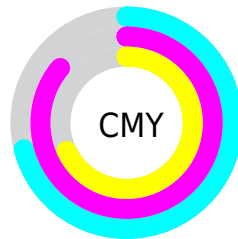
- Red (29%)
- Green (14%)
- Blue (32%)



- Red (29%)
- Yellow (14%)
- Blue (32%)



- Cyan (9%)
- Magenta (57%)
- Yellow (0%)
- Black (68%)



- Cyan (71%)
- Magenta (86%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.9050, 14.3438, 19.3773 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 51.9050, 14.3438, 19.3773 by changing the saturation by 10% instead.

■ 51.9050, 14.3438,
19.3773

■ 51.9050, 14.3438,
19.3773

■ 255.0000, 0.0000,
0.0000

■ 28.6060, 14.4912,
18.7625

■ 100.1440, 15.2120,
20.9217

■ 13.6720, 11.0077,
16.0737

■ 124.9700, 15.7908,
21.9513

■ 1.3680, 5.2416,
-1.1997

■ 151.3830, 16.0802,
22.4661

■ 0.0000, 0.0000,
0.0000

■ 178.0950, 16.2222,
23.5957

■ 205.9210, 16.8009,
24.6253

■ 230.3460, 12.1544,

21.6216

247.3690, 3.7621,
6.6924

51.9050, 14.3438,
19.3773

51.9050, 14.3438,
19.3773

46.9100, 16.8064,
22.8809

56.9000, 11.8813,
15.8737

41.9150, 19.2689,
26.3845

61.8950, 9.4188,
12.3701

36.6210, 21.8788,
29.2734

67.1890, 6.8088,
9.4812

31.6260, 24.3414,
32.7770

72.1840, 4.3463,
5.9776

29.8650, 25.2096,
34.3214

77.7660, 1.5944,
1.9592

■ 82.7610, -0.8682,
-1.5444

■ 88.0550, -3.4781,
-4.4332

■ 93.0500, -5.9406,
-7.9368

■ 98.0450, -8.4032,
-11.4405

Harmonies

Analogous

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



49.7100, 23.3140, -11.1467



51.9050, 14.3438, 19.3773



48.4960, 4.6855, 37.2760

Triad

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



51.9050, 14.3438, 19.3773



47.9210, -23.6251, 17.6093



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.



51.9050, 14.3438, 19.3773



64.0950, -14.3438, -19.3773

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.



40.7090, 1.1295, -35.7018



51.9050, 14.3438, 19.3773



45.7400, -22.5498, -0.6490

Square

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



51.9050, 14.3438, 19.3773



48.2740, -18.8691, 32.2087



39.0770, -10.3910, -27.2545



45.3660, 21.5116, -39.7860

Rectangle

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



51.9050, 14.3438, 19.3773



47.4550, -3.1823, 40.8200



39.0770, -10.3910, -27.2545



43.2340, 8.2656, -37.9162

Sweetspot

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



51.9050, 14.3438, 19.3773



93.5370, 5.6513, 7.4221



44.9400, 17.7776, -8.7174



46.9450, 3.4781, 4.4332



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



51.9050, 14.3438, 19.3773



59.4470, 22.4576, 30.3030



52.2880, 6.7600, 25.1804



38.3530, 1.3050, 1.4444



38.5810, 32.7446, 44.2175



85.3510, 72.2980, 97.9162

Inverse Universe

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



49.5520, -3.7231, 27.5799



55.7820, -5.8085, 43.1642



63.7120, -6.7600, -25.1804



38.1960, -0.5896, 2.4591



33.2190, -8.4890, 62.9519



73.3580, -18.9105, 139.1290

Previews

White Background



This preview shows how the YUV color 51.9050, 14.3438, 19.3773 looks on a white background.

Color Contrast Check

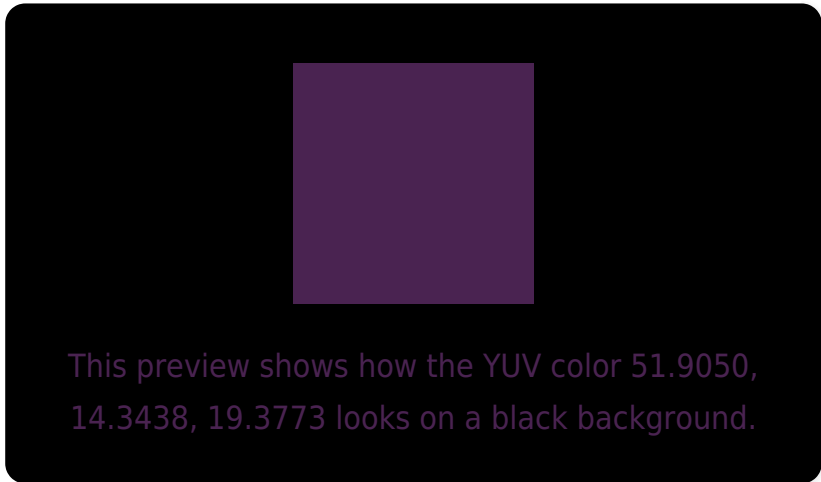
Large Text (above 18pt) WCAG AA ✓ Pass

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

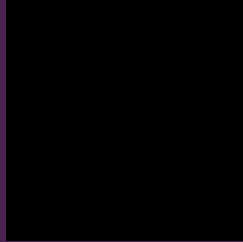
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 51.9050, 14.3438, 19.3773

Background



This preview shows how black text looks on a background with the YUV color 51.9050, 14.3438, 19.3773.



This preview shows how white text looks on a background with the YUV color 51.9050, 14.3438,

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

51.9050, 14.3438, 19.3773

Protanopia

48.5520, 22.8989, -18.0241

Deuteranopia

50.1910, 13.7098, -10.6915



Tritanopia

51.8170, -2.3748, 15.0695

Trichromacy



Original Color

51.9050, 14.3438, 19.3773

Protanomaly

50.1300, 19.6559, -4.4990

Deuteranomaly

50.6700, 13.9667, 0.2894

Tritanomaly

52.0220, 3.4402, 16.6437

Monochromacy



Original Color

51.9050, 14.3438, 19.3773

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

52.1240, 5.3619, 6.9073

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.9050, 14.3438, 19.3773 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, 35, 81)` looks like.

```
.text, #text, p{  
    color:rgb(74, 35, 81)  
}
```

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, 35, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 35, 81) }
```

Border

The CSS property to change the border of an element to YUV 51.9050, 14.3438, 19.3773 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, 35, 81) }
```


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

```
.border{ border-color:rgb(74, 35, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 35, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 35, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 35, 81);  
box-shadow:4px 4px 4px 4px rgb(74, 35, 81)  
}
```

Background

The CSS property to change the background color of an element to YUV 51.9050, 14.3438, 19.3773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 35, 81) }
```

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

```
.background{ background-color: rgb(74, 35,  
81) }
```

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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