

Converting Colors

YUV(50.4360, 19.0121, 15.4036)

Have a look what the booklet for
YUV(50.4360, 19.0121, 15.4036)
contains.

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Color

**YUV(50.4360, 19.0121,
15.4036)**

Conversions

Conversions Part 1

Format	Color
Hex	442259
RGB	68, 34, 89
RGB Percent	27%, 13%, 35%
CMY	0.7333, 0.8667, 0.6510
CMYK	0.24, 0.62, 0.00, 0.65
HSL	277°, 45%, 24%
HSV	277°, 62%, 35%
XYZ	4.7591, 3.0943, 9.7976
YIQ	50.4360, 2.6090, 24.3130

Conversions

Conversions Part 2

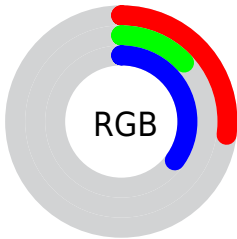
Format	Color
R_{YB}	68, 34, 89
Decimal	4465241
CIE _{Lab}	20.42, 27.32, -26.83
CIE _{LCh}	20, 38.291, 315.511
Yxy	3.0943, 0.2696, 0.1753
Android (android.graphics.Color)	4282655321 (0xFF442259)
YUV	50.4360, 19.0121, 15.4036
Hunter-Lab	17.5905, 17.5095, -20.7101

Details

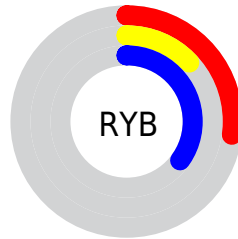
The YUV color **50.4360, 19.0121, 15.4036** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **72.5640, -19.0121, -15.4036**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.0880, 20.1696, 17.4628**, and **12.9750, 14.8023, 12.2999** is the 20% darker color. If you saturate the color by 10%, you get **44.2560, 22.0588, 18.1925**, and if you desaturate by 10%, it is **56.6160, 15.9653, 12.6148**.

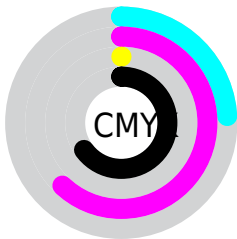
Distribution



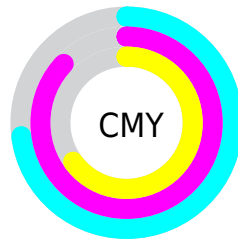
- Red (27%)
- Green (13%)
- Blue (35%)



- Red (27%)
- Yellow (13%)
- Blue (35%)



- Cyan (24%)
- Magenta (62%)
- Yellow (0%)
- Black (65%)



- Cyan (73%)
- Magenta (87%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.4360, 19.0121, 15.4036 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 50.4360, 19.0121, 15.4036 by changing the saturation by 10% instead.

■ 50.4360, 19.0121,
15.4036

■ 50.4360, 19.0121,
15.4036

■ 255.0000, 0.0000,
0.0000

■ 27.6100, 18.4333,
14.3740

■ 98.0880, 20.1696,
17.4628

■ 12.9750, 14.8023,
12.2999

■ 123.6150, 20.8958,
17.8776

■ 2.9810, 8.8834,
-2.6143

■ 149.4410, 21.4746,
18.9072

■ 0.0000, 0.0000,
0.0000

■ 176.8540, 21.7640,
19.4220

■ 204.3810, 22.4902,
19.8369

■ 229.7590, 12.4438,

22.1364

246.1950, 4.3409,
7.7220

50.4360, 19.0121,
15.4036

50.4360, 19.0121,
15.4036

44.2560, 22.0588,
18.1925

56.6160, 15.9653,
12.6148

37.7770, 25.2529,
20.3666

63.0950, 12.7712,
10.4407

31.5970, 28.2997,
23.1554

69.2750, 9.7244,
7.6518

26.5910, 30.7676,
24.9147

75.7540, 6.5303,
5.4777

81.9340, 3.4835,
2.6889

■ 87.5270, 0.7262,
0.4148

■ 94.0060, -2.4680,
-1.7593

■ 100.1860, -5.5147,
-4.5481

■ 106.6650, -8.7088,
-6.7222

Harmonies

Analogous

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



40.3310, 31.3888, -34.4933



50.4360, 19.0121, 15.4036



45.9570, 8.8952, 40.3797

Triad

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



50.4360, 19.0121, 15.4036



47.0680, -23.2045, 22.7424



43.5760, 9.5760, -38.2162

Complementary

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



50.4360, 19.0121, 15.4036



72.5640, -19.0121, -15.4036

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.



39.6830, -2.8017, -34.8020



50.4360, 19.0121, 15.4036



45.1750, -22.2713, 3.3545

Square

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



50.4360, 19.0121, 15.4036



44.7310, -18.6014, 39.7009



37.6770, -17.0958, -23.3957



45.9530, 21.2222, -40.3008

Rectangle

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



50.4360, 19.0121, 15.4036



42.6500, 1.1586, 48.5419



37.6770, -17.0958, -23.3957



41.9630, 5.9342, -36.8016

Sweetspot

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



50.4360, 19.0121, 15.4036



99.3950, 7.6933, 5.7926



52.5970, 17.9467, -16.3096



48.9880, 4.9359, 3.5185



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.



50.4360, 19.0121, 15.4036



55.2380, 29.4627, 23.4703



56.0310, 13.2957, 28.9138



40.3530, 1.3050, 1.4444



31.9320, 37.0085, 29.8776



70.1450, 81.2735, 65.6478

Inverse Universe

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



52.8390, 1.0654, 31.7132



59.0630, 1.4479, 49.0567



66.9690, -13.2957, -28.9138



40.4240, 0.2840, 2.2592



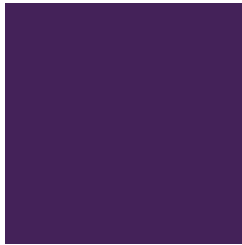
36.6670, 2.1362, 61.6820



80.5250, 4.6712, 135.4746

Previews

White Background



This preview shows how the YUV color 50.4360, 19.0121, 15.4036 looks on a white background.

Color Contrast Check

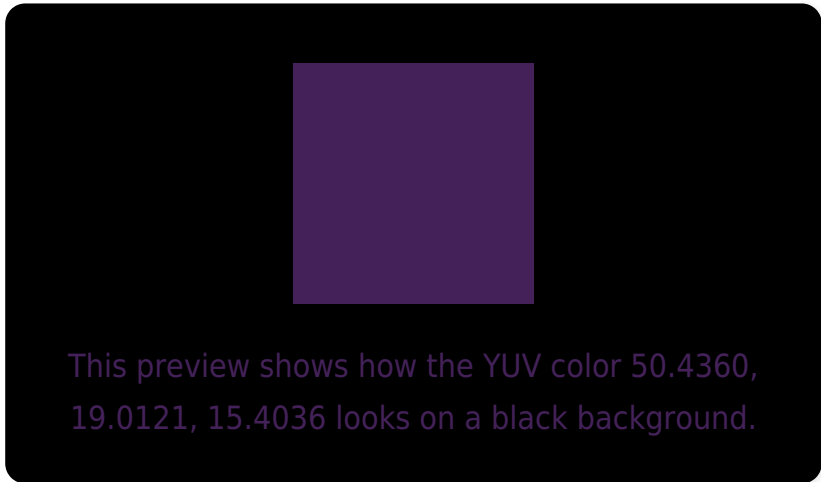
Large Text (above 18pt) WCAG AA ✓ Pass

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

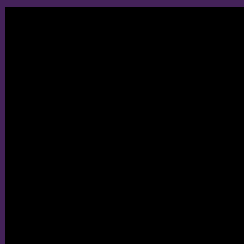
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 50.4360, 19.0121, 15.4036

Background



This preview shows how black text looks on a background with the YUV color 50.4360, 19.0121, 15.4036.



This preview shows how white text looks on a background with the YUV color 50.4360, 19.0121,

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

50.4360, 19.0121, 15.4036

Protanopia

39.8040, 30.6626, -34.9081

Deuteranopia

45.7320, 19.8521, -20.8130



Tritanopia

50.8270, -0.9007, 8.9217

Trichromacy



Original Color

50.4360, 19.0121, 15.4036

Protanomaly

43.7740, 26.2404, -16.4648

Deuteranomaly

47.4070, 19.5193, -7.3729

Tritanomaly

51.0860, 6.3666, 11.3256

Monochromacy



Original Color

50.4360, 19.0121, 15.4036

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

50.1670, 6.8197, 5.9925

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.4360, 19.0121, 15.4036 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(68, 34, 89)` looks like.

```
.text, #text, p{  
    color:rgb(68, 34, 89)  
}
```

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(68, 34, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 34, 89) }
```

Border

The CSS property to change the border of an element to YUV 50.4360, 19.0121, 15.4036 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(68, 34, 89) }
```


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

```
.border{ border-color:rgb(68, 34, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 34, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 34, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 34, 89);  
box-shadow:4px 4px 4px 4px rgb(68, 34, 89)  
}
```

Background

The CSS property to change the background color of an element to YUV 50.4360, 19.0121, 15.4036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 34, 89) }
```

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

```
.background{ background-color: rgb(68, 34,  
89) }
```

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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