

Converting Colors

YUV(50.9440, 15.3106, 36.0061)

Have a look what the booklet for
YUV(50.9440, 15.3106, 36.0061)
contains.

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Color

**YUV(50.9440, 15.3106,
36.0061)**

Conversions

Conversions Part 1

Format	Color
Hex	5C1852
RGB	92, 24, 82
RGB Percent	36%, 9%, 32%
CMY	0.6392, 0.9059, 0.6784
CMYK	0.00, 0.74, 0.11, 0.64
HSL	309°, 59%, 23%
HSV	309°, 74%, 36%
XYZ	6.2633, 3.5378, 8.3354
YIQ	50.9440, 21.9100, 32.4540

Conversions

Conversions Part 2

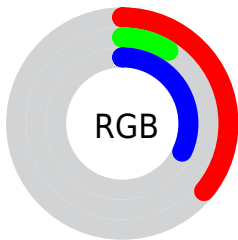
Format	Color
RYB	92, 24, 82
Decimal	6035538
CIELab	22.08, 37.82, -19.27
CIElCh	22, 42.441, 333.003
Yxy	3.5378, 0.3453, 0.1951
Android (android.graphics.Color)	4284225618 (0xFF5C1852)
YUV	50.9440, 15.3106, 36.0061
Hunter-Lab	18.8090, 26.5235, -13.1087

Details

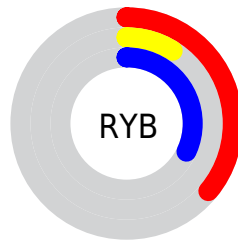
The YUV color **50.9440, 15.3106, 36.0061** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **65.0560, -15.3106, -36.0061**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.8410, 14.8684, 37.8504**, and **17.6730, 9.5282, 23.9658** is the 20% darker color. If you saturate the color by 10%, you get **45.5470, 17.4783, 40.7393**, and if you desaturate by 10%, it is **56.3410, 13.1429, 31.2729**.

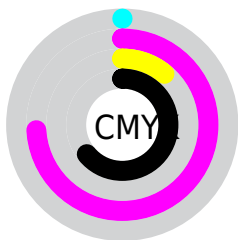
Distribution



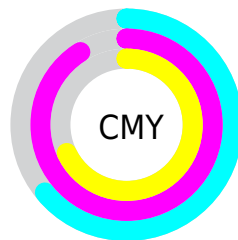
- Red (36%)
- Green (9%)
- Blue (32%)



- Red (36%)
- Yellow (9%)
- Blue (32%)



- Cyan (0%)
- Magenta (74%)
- Yellow (11%)
- Black (64%)



- Cyan (64%)
- Magenta (91%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.9440, 15.3106, 36.0061 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 50.9440, 15.3106, 36.0061 by changing the saturation by 10% instead.

■ 50.9440, 15.3106,
36.0061

■ 50.9440, 15.3106,
36.0061

■ 255.0000, 0.0000,
0.0000

■ 26.7590, 15.8948,
35.2914

■ 101.8410, 14.8684,
37.8504

■ 17.6730, 9.5282,
23.9658

■ 127.5530, 15.0104,
38.9800

■ 2.3790, 5.2362,
0.5446

■ 154.2650, 15.1524,
40.1096

■ 0.0000, 0.0000,
0.0000


■ 181.9770, 15.2943,
41.2392


■ 208.7920, 15.8785,
40.5244


■ 226.8240, 13.8908,


24.7104


 243.8470, 5.4984,
9.7812


 50.9440, 15.3106,
36.0061

 50.9440, 15.3106,
36.0061

 45.5470, 17.4783,
40.7393

 56.3410, 13.1429,
31.2729

 40.0360, 19.2093,
45.5724

 61.8520, 11.4120,
26.4398

 36.4000, 20.5088,
48.7612

 67.8360, 8.9549,
21.1918

 73.2330, 6.7871,
16.4587

 78.7440, 5.0562,
11.6255

■ 84.1410, 2.8885,
6.8923

■ 89.5380, 0.7208,
2.1592

■ 95.6360, -1.2995,
-3.1888

■ 101.0330, -3.4673,
-7.9219

Harmonies

Analogous

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



53.4710, 25.8968, 0.4639



50.9440, 15.3106, 36.0061



43.3780, 3.7576, 54.9195

Triad

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



50.9440, 15.3106, 36.0061



49.9480, -24.6244, 11.4466



48.6600, 18.9016, -42.6748

Complementary

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



50.9440, 15.3106, 36.0061



65.0560, -15.3106, -36.0061

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.



45.0120, 4.9241, -39.4755



50.9440, 15.3106, 36.0061



44.4890, -21.9331, -11.8299

Square

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



50.9440, 15.3106, 36.0061



49.7920, -24.5475, 33.5084



40.6630, -9.2009, -35.6615



49.4070, 29.3793, -43.3299

Rectangle

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



50.9440, 15.3106, 36.0061



44.5060, -7.1515, 53.9302



40.6630, -9.2009, -35.6615



47.5200, 14.5336, -41.6750

Sweetspot

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



50.9440, 15.3106, 36.0061



103.6950, 6.0664, 14.2995



34.4430, 28.3756, -1.2655



51.3800, 3.7567, 8.4367



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.



50.9440, 15.3106, 36.0061



55.3670, 23.9761, 56.6831



47.1820, 0.8963, 39.3054



42.9510, 1.0102, 2.6740



43.6060, 24.8442, 58.2275



93.8910, 53.2977, 125.5066

Inverse Universe

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



50.9440, 15.3106, 36.0061



55.3670, 23.9761, 56.6831



68.8180, -0.8963, -39.3054



42.9510, 1.0102, 2.6740



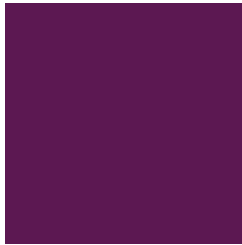
43.6060, 24.8442, 58.2275



93.8910, 53.2977, 125.5066

Previews

White Background



This preview shows how the YUV color 50.9440, 15.3106, 36.0061 looks on a white background.

Color Contrast Check

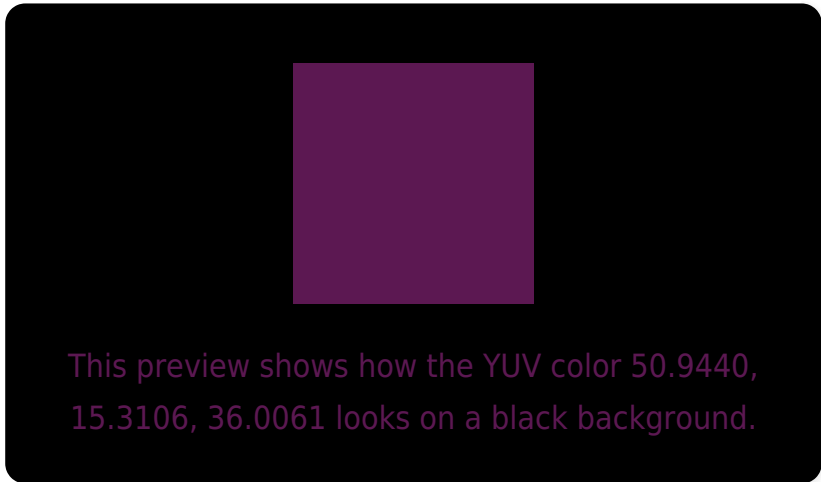
Large Text (above 18pt) WCAG AA ✓ Pass

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

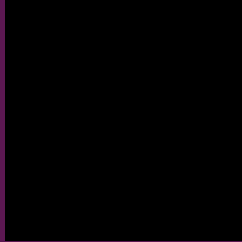
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 50.9440, 15.3106, 36.0061

Background



This preview shows how black text looks on a background with the YUV color 50.9440, 15.3106, 36.0061.



This preview shows how white text looks on a background with the YUV color 50.9440, 15.3106,

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

50.9440, 15.3106, 36.0061

Protanopia

49.5880, 28.3041, -25.0717

Deuteranopia

54.3440, 11.6624, -7.3177



Tritanopia

53.2920, -6.0600, 30.4389

Trichromacy



Original Color

50.9440, 15.3106, 36.0061

Protanomaly

49.8790, 23.7237, -2.5249

Deuteranomaly

53.0840, 12.7766, 8.6963

Tritanomaly

52.3660, 1.7916, 32.1280

Monochromacy



Original Color

50.9440, 15.3106, 36.0061

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

50.8690, 5.4876, 13.2699

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.9440, 15.3106, 36.0061 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(92, 24, 82)` looks like.

```
.text, #text, p{  
    color:rgb(92, 24, 82)  
}
```

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(92, 24, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 24, 82) }
```

Border

The CSS property to change the border of an element to YUV 50.9440, 15.3106, 36.0061 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(92, 24, 82) }
```


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

```
.border{ border-color:rgb(92, 24, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 24, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 24, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 24, 82);  
box-shadow:4px 4px 4px 4px rgb(92, 24, 82)  
}
```

Background

The CSS property to change the background color of an element to YUV 50.9440, 15.3106, 36.0061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 24, 82) }
```

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

```
.background{ background-color: rgb(92, 24,  
82) }
```

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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