

Converting Colors

YUV(58.8440, 3.5279, 35.2168)

Have a look what the booklet for
YUV(58.8440, 3.5279, 35.2168)
contains.

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Color

**YUV(58.8440, 3.5279,
35.2168)**

Conversions

Conversions Part 1

Format	Color
Hex	632542
RGB	99, 37, 66
RGB Percent	39%, 15%, 26%
CMY	0.6118, 0.8549, 0.7412
CMYK	0.00, 0.63, 0.33, 0.61
HSL	332°, 46%, 27%
HSV	332°, 63%, 39%
XYZ	6.7905, 4.3691, 5.6397
YIQ	58.8440, 27.6430, 22.1630

Conversions

Conversions Part 2

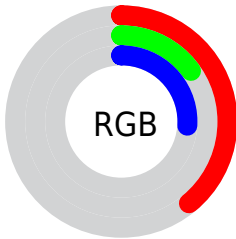
Format	Color
R_{YB}	99, 37, 66
Decimal	6497602
CIE _{Lab}	24.86, 31.37, -4.11
CIE _{LCh}	25, 31.636, 352.534
Yxy	4.3691, 0.4042, 0.2601
Android (android.graphics.Color)	4284687682 (0xFF632542)
YUV	58.8440, 3.5279, 35.2168
Hunter-Lab	20.9025, 21.4095, -1.3653

Details

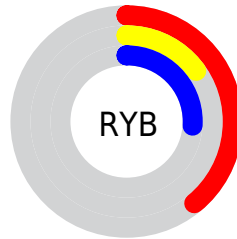
The YUV color **58.8440, 3.5279, 35.2168** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **77.1560, -3.5279, -35.2168**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.3390, 2.7909, 38.2907**, and **17.6860, 3.1128, 28.3394** is the 20% darker color. If you saturate the color by 10%, you get **52.4040, 4.2378, 40.8647**, and if you desaturate by 10%, it is **65.2840, 2.8180, 29.5689**.

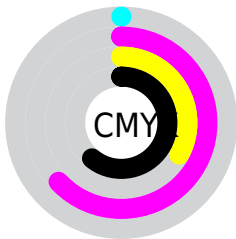
Distribution



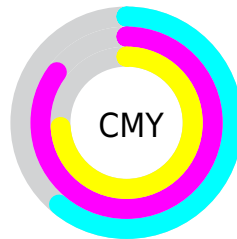
- Red (39%)
- Green (15%)
- Blue (26%)



- Red (39%)
- Yellow (15%)
- Blue (26%)



- Cyan (0%)
- Magenta (63%)
- Yellow (33%)
- Black (61%)



- Cyan (61%)
- Magenta (85%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.8440, 3.5279, 35.2168 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 58.8440, 3.5279, 35.2168 by changing the saturation by 10% instead.

■ 58.8440, 3.5279,
35.2168

■ 58.8440, 3.5279,
35.2168

■ 255.0000, 0.0000,
0.0000

■ 34.1860, 4.8383,
34.9169

■ 108.3390, 2.7909,
38.2907

■ 17.6860, 3.1128,
28.3394

■ 134.8230, 2.0593,
39.6202

■ 6.2790, -3.0955,
12.9103

■ 160.9480, 2.4906,
41.2646

■ 0.0000, 0.0000,
0.0000

■ 188.5460, 2.1958,
42.4942

■ 213.5560, 3.6699,
36.3464

■ 233.1840, 7.7973,

19.1326

250.8910, 2.0257,
3.6036

58.8440, 3.5279,
35.2168

58.8440, 3.5279,
35.2168

52.4040, 4.2378,
40.8647

65.2840, 2.8180,
29.5689

45.8500, 4.5109,
46.6125

71.8380, 2.5449,
23.8211

39.4100, 5.2209,
52.2604

78.2780, 1.8349,
18.1732

34.8450, 5.4994,
56.2639

84.7180, 1.1250,
12.5253

91.1580, 0.4151,
6.8774

■ 97.1250, 0.4314,
1.6444

■ 103.5650, -0.2785,
-4.0035

■ 110.0050, -0.9885,
-9.6514

■ 116.4450, -1.6984,
-15.2993

Harmonies

Analogous

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



60.9650, 13.3283, 18.4477



58.8440, 3.5279, 35.2168



57.5920, -7.6869, 38.9458

Triad

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



58.8440, 3.5279, 35.2168



54.2670, -21.8236, -0.2342



50.8600, 22.2540, -44.6042

Complementary

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



58.8440, 3.5279, 35.2168



77.1560, -3.5279, -35.2168

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.



49.8680, 13.3761, -43.7342



58.8440, 3.5279, 35.2168



49.9850, -10.8386, -23.6658

Square

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



58.8440, 3.5279, 35.2168



56.3940, -24.3512, 17.1945



47.0180, 2.4561, -41.2348



49.0650, 28.0690, -43.0300

Rectangle

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



58.8440, 3.5279, 35.2168



57.4360, -14.5119, 34.6976



47.0180, 2.4561, -41.2348



50.8770, 19.7806, -44.6191

Sweetspot

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



58.8440, 3.5279, 35.2168



111.8430, 1.5564, 14.1697



53.6360, 22.3645, 13.4742



54.2830, 0.8465, 8.5218



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



58.8440, 3.5279, 35.2168



65.8340, 5.5048, 54.5196



56.1250, -9.4286, 37.6014



45.4240, 0.2840, 2.2592



39.4160, 6.2039, 63.6562



84.5280, 13.5437, 136.3489

Inverse Universe

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



58.8440, 3.5279, 35.2168



65.8340, 5.5048, 54.5196



79.8750, 9.4286, -37.6014



45.4240, 0.2840, 2.2592



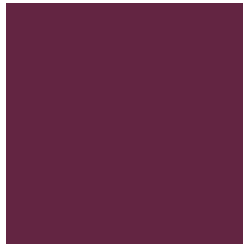
39.4160, 6.2039, 63.6562



84.5280, 13.5437, 136.3489

Previews

White Background



This preview shows how the YUV color 58.8440, 3.5279, 35.2168 looks on a white background.

Color Contrast Check

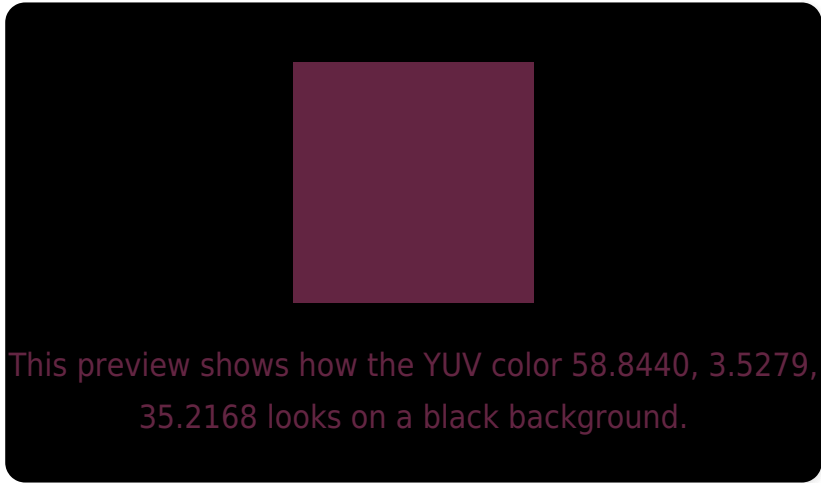
Large Text (above 18pt) WCAG AA ✓ Pass

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

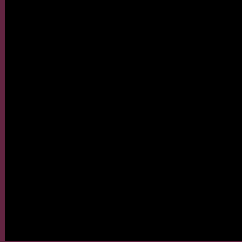
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.8440, 3.5279, 35.2168

Background



This preview shows how black text looks on a background with the YUV color 58.8440, 3.5279, 35.2168.



This preview shows how white text looks on a background with the YUV color 58.8440, 3.5279,

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

58.8440, 3.5279, 35.2168

Protanopia

60.0130, 10.3466, -5.2734

Deuteranopia

60.3640, 1.2995, 3.1888



Tritanopia

58.7870, -6.7970, 33.5128

Trichromacy



Original Color

58.8440, 3.5279, 35.2168

Protanomaly

59.5310, 8.1192, 9.1813

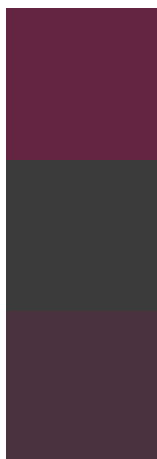
Deuteranomaly

59.6690, 2.1352, 15.1993

Tritanomaly

58.8240, -2.8712, 34.3574

Monochromacy



Original Color

58.8440, 3.5279, 35.2168

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

59.1310, 1.4144, 13.0401

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.8440, 3.5279, 35.2168 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(99, 37, 66)` looks like.

```
.text, #text, p{  
    color:rgb(99, 37, 66)  
}
```

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(99, 37, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 37, 66) }
```

Border

The CSS property to change the border of an element to YUV 58.8440, 3.5279, 35.2168 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(99, 37, 66) }
```


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

```
.border{ border-color:rgb(99, 37, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 37, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 37, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 37, 66);  
box-shadow:4px 4px 4px 4px rgb(99, 37, 66)  
}
```

Background

The CSS property to change the background color of an element to YUV 58.8440, 3.5279, 35.2168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 37, 66) }
```

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

```
.background{ background-color: rgb(99, 37,  
66) }
```

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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