

Converting Colors

YUV(59.3540, 6.7275, 35.6465)

Have a look what the booklet for
YUV(59.3540, 6.7275, 35.6465)
contains.

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Color

**YUV(59.3540, 6.7275,
35.6465)**

Conversions

Conversions Part 1

Format	Color
Hex	642449
RGB	100, 36, 73
RGB Percent	39%, 14%, 29%
CMY	0.6078, 0.8588, 0.7137
CMYK	0.00, 0.64, 0.27, 0.61
HSL	325°, 47%, 27%
HSV	325°, 64%, 39%
XYZ	7.0890, 4.4521, 6.7890
YIQ	59.3540, 26.2670, 25.0750

Conversions

Conversions Part 2

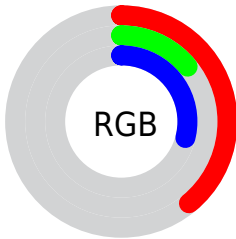
Format	Color
R_{YB}	100, 36, 73
Decimal	6562889
CIE Lab	25.11, 33.26, -8.42
CIE LCh	25, 34.306, 345.788
Yxy	4.4521, 0.3867, 0.2429
Android (android.graphics.Color)	4284752969 (0xFF642449)
YUV	59.3540, 6.7275, 35.6465
Hunter-Lab	21.1000, 23.0458, -4.3068




Details

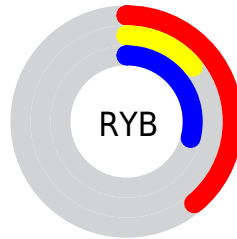
The YUV color **59.3540, 6.7275, 35.6465** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **76.6460, -6.7275, -35.6465**, and the grayscale version is **59.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **109.5500, 6.1379, 38.1057**, and **18.2560, 5.2968, 27.8395** is the 20% darker color. If you saturate the color by 10%, you get **53.0280, 7.8742, 41.1944**, and if you desaturate by 10%, it is **65.6800, 5.5808, 30.0986**.

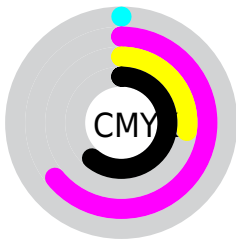
Distribution







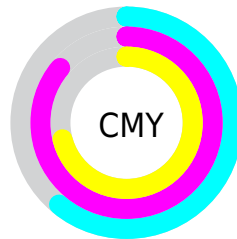
-  Red (39%)
-  Green (14%)
-  Blue (29%)






-  Red (39%)
-  Yellow (14%)
-  Blue (29%)



-  Cyan (0%)
-  Magenta (64%)
-  Yellow (27%)
-  Black (61%)



-  Cyan (61%)
-  Magenta (86%)
-  Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.3540, 6.7275, 35.6465 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 59.3540, 6.7275, 35.6465 by changing the saturation by 10% instead.

■ 59.3540, 6.7275,
35.6465

■ 59.3540, 6.7275,
35.6465

■ 255.0000, 0.0000,
0.0000

■ 33.9950, 7.8905,
35.9614

■ 109.5500, 6.1379,
38.1057

■ 18.2560, 5.2968,
27.8395

■ 135.4470, 5.6956,
39.9500

■ 7.5890, -3.2484,
15.2694

■ 162.1590, 5.8376,
41.0796

■ 0.0000, 0.0000,
0.0000

■ 189.7570, 5.5428,
42.3091

■ 213.8810, 7.4537,
36.0614

■ 233.2810, 10.7075,

19.0476

250.3040, 2.3151,
4.1184

59.3540, 6.7275,
35.6465

59.3540, 6.7275,
35.6465

53.0280, 7.8742,
41.1944

65.6800, 5.5808,
30.0986

46.7020, 9.0209,
46.7423

72.0060, 4.4340,
24.5507

40.2620, 9.7308,
52.3902

78.4460, 3.7241,
18.9029

36.5120, 10.5936,
55.6790

84.7720, 2.5774,
13.3550

91.0980, 1.4307,
7.8071

■ 97.4240, 0.2840,
2.2592

■ 103.8640, -0.4260,
-3.3887

■ 110.1900, -1.5727,
-8.9366

■ 116.5160, -2.7194,
-14.4845

Harmonies

Analogous

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



61.2680, 17.1229, 14.6740



59.3540, 6.7275, 35.6465



57.0100, -4.9349, 42.9642

Triad

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



59.3540, 6.7275, 35.6465



55.1490, -26.2025, 4.2543



52.0340, 21.6752, -45.6338

Complementary

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



59.3540, 6.7275, 35.6465



76.6460, -6.7275, -35.6465

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.



50.5860, 11.0501, -44.3639



59.3540, 6.7275, 35.6465



50.9810, -14.7806, -19.2773

Square

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



59.3540, 6.7275, 35.6465



56.8570, -26.5515, 22.9274



46.9210, -0.4541, -41.1497



51.2820, 28.9480, -44.9743

Rectangle

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



59.3540, 6.7275, 35.6465



57.2240, -12.9284, 40.1456



46.9210, -0.4541, -41.1497



51.8230, 18.3283, -45.4488

Sweetspot

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



59.3540, 6.7275, 35.6465



114.1850, 2.8668, 13.8698



51.3690, 23.9751, 10.2004



56.5110, 1.7201, 8.3219



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



59.3540, 6.7275, 35.6465



66.5120, 10.5936, 55.6790



55.7060, -7.2501, 38.8458



47.8370, 0.5734, 2.7740



41.9090, 11.8769, 64.1008



88.3180, 25.4792, 134.7791

Inverse Universe

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



59.3540, 6.7275, 35.6465



66.5120, 10.5936, 55.6790



80.2940, 7.2501, -38.8458



47.8370, 0.5734, 2.7740



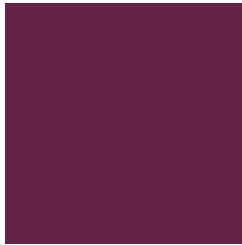
41.9090, 11.8769, 64.1008



88.3180, 25.4792, 134.7791

Previews

White Background



This preview shows how the YUV color 59.3540, 6.7275, 35.6465 looks on a white background.

Color Contrast Check

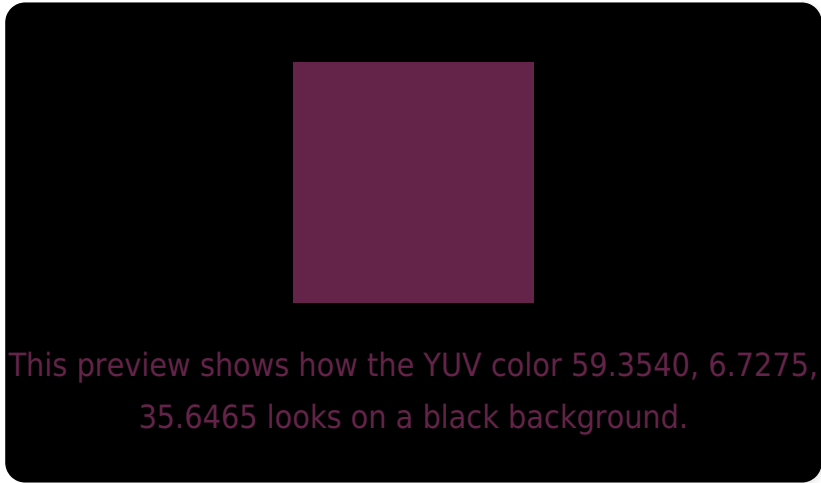
Large Text (above 18pt) WCAG AA ✓ Pass

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

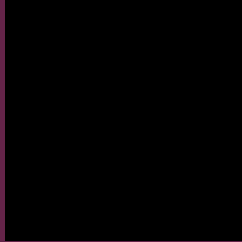
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.3540, 6.7275, 35.6465

Background



This preview shows how black text looks on a background with the YUV color 59.3540, 6.7275, 35.6465.



This preview shows how white text looks on a background with the YUV color 59.3540, 6.7275,

35.6465.

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

59.3540, 6.7275, 35.6465

Protanopia

60.4300, 14.5780, -9.1471

Deuteranopia

61.1510, 4.3626, 0.7446



Tritanopia

59.7870, -6.7970, 33.5128

Trichromacy



Original Color

59.3540, 6.7275, 35.6465

Protanomaly

59.8450, 11.9084, 7.1519

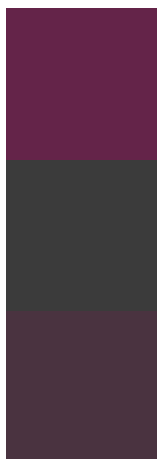
Deuteranomaly

60.7550, 5.0508, 13.3699

Tritanomaly

59.4650, -1.7082, 34.6722

Monochromacy



Original Color

59.3540, 6.7275, 35.6465

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

59.3590, 2.2880, 12.8402

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.3540, 6.7275, 35.6465 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(100, 36, 73)` looks like.

```
.text, #text, p{  
    color:rgb(100, 36, 73)  
}
```

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(100, 36, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 36, 73) }
```

Border

The CSS property to change the border of an element to YUV 59.3540, 6.7275, 35.6465 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(100, 36, 73) }
```


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

```
.border{ border-color:rgb(100, 36, 73) }
```

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

Here you see how a box with a 4 pixel rgb(100, 36, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 36, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 36, 73);  
box-shadow:4px 4px 4px 4px rgb(100, 36,  
73) }
```

Background

The CSS property to change the background color of an element to YUV 59.3540, 6.7275, 35.6465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 36, 73) }
```

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

```
.background{ background-color: rgb(100, 36,  
73) }
```

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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