

Converting Colors

YUV(59.7380, -5.7868, 36.1868)

Have a look what the booklet for
YUV(59.7380, -5.7868, 36.1868)
contains.

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Color

**YUV(59.7380, -5.7868,
36.1868)**

Conversions

Conversions Part 1

Format	Color
Hex	652930
RGB	101, 41, 48
RGB Percent	40%, 16%, 19%
CMY	0.6039, 0.8392, 0.8118
CMYK	0.00, 0.59, 0.52, 0.60
HSL	353°, 42%, 28%
HSV	353°, 59%, 40%
XYZ	6.6933, 4.5660, 3.3249
YIQ	59.7380, 33.5130, 14.8970

Conversions

Conversions Part 2

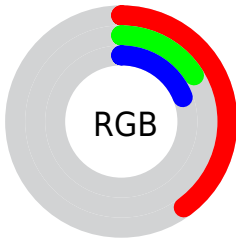
Format	Color
R_{YB}	101, 41, 48
Decimal	6629680
CIE Lab	25.46, 27.77, 8.97
CIE LCh	25, 29.180, 17.905
Yxy	4.5660, 0.4589, 0.3131
Android (android.graphics.Color)	4284819760 (0xFF652930)
YUV	59.7380, -5.7868, 36.1868
Hunter-Lab	21.3681, 18.5183, 5.7323

Details

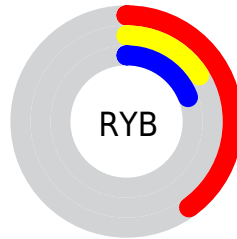
The YUV color **59.7380, -5.7868, 36.1868** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **82.2620, 5.7868, -36.1868**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.3040, -7.5449, 40.0754**, and **15.2490, -7.5178, 31.3536** is the 20% darker color. If you saturate the color by 10%, you get **52.8420, -6.8241, 42.2346**, and if you desaturate by 10%, it is **66.6340, -4.7496, 30.1390**.

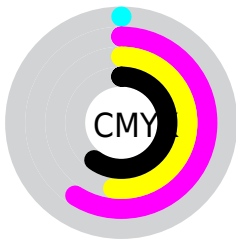
Distribution



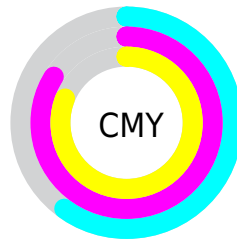
- Red (40%)
- Green (16%)
- Blue (19%)



- Red (40%)
- Yellow (16%)
- Blue (19%)



- Cyan (0%)
- Magenta (59%)
- Yellow (52%)
- Black (60%)



- Cyan (60%)
- Magenta (84%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.7380, -5.7868, 36.1868 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 59.7380, -5.7868, 36.1868 by changing the saturation by 10% instead.

■ 59.7380, -5.7868,
36.1868

■ 59.7380, -5.7868,
36.1868

■ 255.0000, 0.0000,
0.0000

■ 35.4820, -4.1816,
34.6573

■ 109.3040, -7.5449,
40.0754

■ 15.2490, -7.5178,
31.3536

■ 135.0870, -8.4239,
42.0197

■ 5.6810, -2.8007,
11.6808

■ 161.6850, -8.7187,
43.2493

■ 0.0000, 0.0000,
0.0000

■ 189.2830, -9.0135,
44.4788

■ 212.6950, -7.2446,
37.1015

■ 232.3230, -3.1172,

19.8877

252.5380, 0.7208,
2.1592

59.7380, -5.7868,
36.1868

59.7380, -5.7868,
36.1868

52.8420, -6.8241,
42.2346

66.6340, -4.7496,
30.1390

45.9460, -7.8614,
48.2824

73.5300, -3.7123,
24.0912

39.0500, -8.8986,
54.3302

80.4260, -2.6750,
18.0434

32.1540, -9.9359,
60.3779

87.3220, -1.6377,
11.9956

31.5670, -9.6465,
60.8927

94.8050, -0.8899,
5.4330

■ 101.7010, 0.1474,
-0.6148

■ 108.4830, 0.7479,
-6.5626

■ 115.3790, 1.7852,
-12.6104

■ 122.2750, 2.8224,
-18.6582

Harmonies

Analogous

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



61.3380, 4.2704, 30.3986



59.7380, -5.7868, 36.1868



59.1860, -15.3747, 31.4089

Triad

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



59.7380, -5.7868, 36.1868



53.3880, -12.0233, -17.0033



49.8970, 26.1798, -43.7597

Complementary

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



59.7380, -5.7868, 36.1868



82.2620, 5.7868, -36.1868

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.



51.6920, 20.3648, -45.3339



59.7380, -5.7868, 36.1868



47.3770, 1.2931, -41.5496

Square

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



59.7380, -5.7868, 36.1868



56.6310, -20.5241, 2.9546



49.9990, 11.3395, -43.8491



59.1290, 21.1354, -12.3911

Rectangle

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



59.7380, -5.7868, 36.1868



58.8770, -20.1524, 23.7869



49.9990, 11.3395, -43.8491



50.8430, 24.7274, -44.5893

Sweetspot

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



59.7380, -5.7868, 36.1868



114.1050, -2.5168, 13.9399



63.6870, 18.3953, 26.5845



56.3000, -1.6269, 8.5069



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.



59.7380, -5.7868, 36.1868



66.6480, -9.1935, 55.5597



72.4410, -15.5004, 25.0462



47.4950, -0.7370, 3.0739



35.8670, -11.2734, 69.3996



75.5500, -23.4422, 145.9766

Inverse Universe

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



59.7380, -5.7868, 36.1868



66.6480, -9.1935, 55.5597



69.5590, 15.5004, -25.0462



47.4950, -0.7370, 3.0739



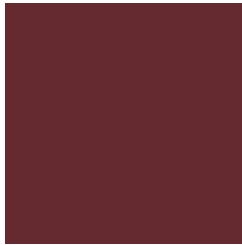
35.8670, -11.2734, 69.3996



75.5500, -23.4422, 145.9766

Previews

White Background



This preview shows how the YUV color 59.7380, -5.7868, 36.1868 looks on a white background.

Color Contrast Check

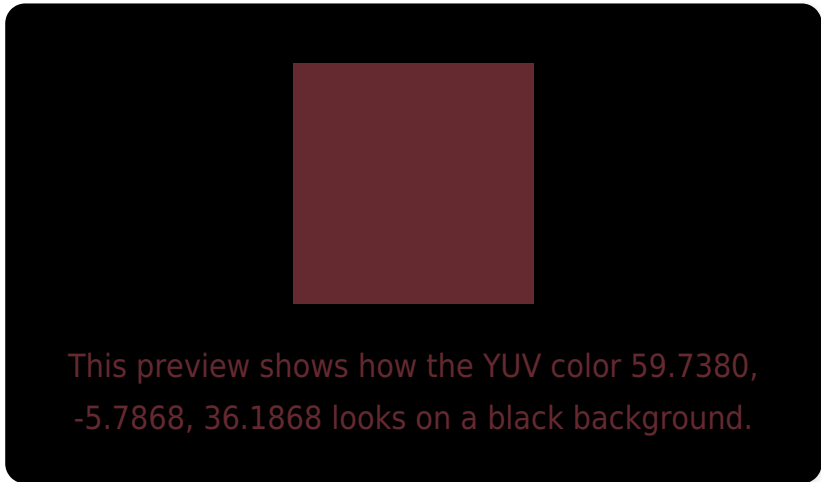
Large Text (above 18pt) WCAG AA ✓ Pass

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

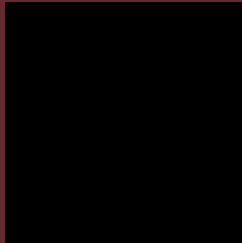
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.7380, -5.7868, 36.1868

Background



This preview shows how black text looks on a background with the YUV color 59.7380, -5.7868, 36.1868.



This preview shows how white text looks on a background with the YUV color 59.7380, -5.7868,

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

59.7380, -5.7868, 36.1868

Protanopia

61.2560, -1.6052, 1.5295

Deuteranopia

61.2910, -8.0315, 9.3918



Tritanopia

59.8690, -7.8234, 36.0719

Trichromacy



Original Color

59.7380, -5.7868, 36.1868

Protanomaly

60.8770, -3.3904, 14.1399

Deuteranomaly

60.5850, -7.1904, 19.6580

Tritanomaly

59.9830, -7.3866, 35.9719

Monochromacy



Original Color

59.7380, -5.7868, 36.1868

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

59.9200, -1.9326, 13.2252

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.7380, -5.7868, 36.1868 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(101, 41, 48)` looks like.

```
.text, #text, p{  
    color:rgb(101, 41, 48)  
}
```

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(101, 41, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 41, 48) }
```

Border

The CSS property to change the border of an element to YUV 59.7380, -5.7868, 36.1868 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(101, 41, 48) }
```


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

```
.border{ border-color:rgb(101, 41, 48) }
```

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

Here you see how a box with a 4 pixel rgb(101, 41, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 41, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 41, 48);  
box-shadow:4px 4px 4px 4px rgb(101, 41,  
48) }
```

Background

The CSS property to change the background color of an element to YUV 59.7380, -5.7868, 36.1868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 41, 48) }
```

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

```
.background{ background-color: rgb(101, 41,  
48) }
```

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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