

Converting Colors

YUV(54.7310, 18.3736, 33.5619)

Have a look what the booklet for
YUV(54.7310, 18.3736, 33.5619)
contains.

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Color

**YUV(54.7310, 18.3736,
33.5619)**

Conversions

Conversions Part 1

Format	Color
Hex	5D1C5C
RGB	93, 28, 92
RGB Percent	36%, 11%, 36%
CMY	0.6353, 0.8902, 0.6392
CMYK	0.00, 0.70, 0.01, 0.64
HSL	301°, 54%, 24%
HSV	301°, 70%, 36%
XYZ	6.8612, 3.9304, 10.5222
YIQ	54.7310, 18.1960, 33.6840

Conversions

Conversions Part 2

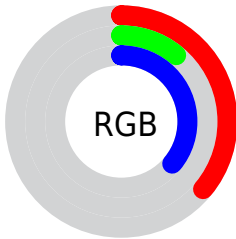
Format	Color
R_{YB}	93, 28, 92
Decimal	6102108
CIE _{Lab}	23.44, 38.19, -23.78
CIE _{LCh}	23, 44.988, 328.090
Yxy	3.9304, 0.3219, 0.1844
Android (android.graphics.Color)	4284292188 (0xFF5D1C5C)
YUV	54.7310, 18.3736, 33.5619
Hunter-Lab	19.8252, 27.0824, -17.5906

Details

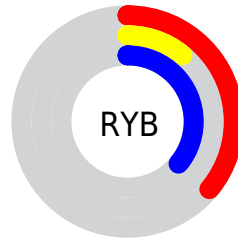
The YUV color **54.7310, 18.3736, 33.5619** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **66.2690, -18.3736, -33.5619**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.7420, 18.3682, 35.3063**, and **18.6990, 13.4594, 23.0660** is the 20% darker color. If you saturate the color by 10%, you get **49.4480, 20.9781, 38.1951**, and if you desaturate by 10%, it is **60.0140, 15.7691, 28.9287**.

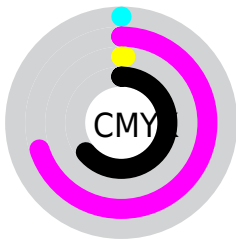
Distribution



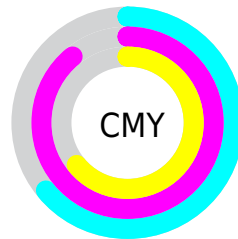
- Red (36%)
- Green (11%)
- Blue (36%)



- Red (36%)
- Yellow (11%)
- Blue (36%)



- Cyan (0%)
- Magenta (70%)
- Yellow (1%)
- Black (64%)



- Cyan (64%)
- Magenta (89%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.7310, 18.3736, 33.5619 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 54.7310, 18.3736, 33.5619 by changing the saturation by 10% instead.

■ 54.7310, 18.3736,
33.5619

■ 54.7310, 18.3736,
33.5619

255.0000, 0.0000,
0.0000

■ 28.0840, 19.6786,
35.0063

■ 105.7420, 18.3682,
35.3063

■ 18.6990, 13.4594,
23.0660

■ 131.4540, 18.5102,
36.4358

■ 6.0250, 8.8617,
4.3631

■ 158.2800, 19.0890,
37.4654


■ 0.0000, 0.0000,
0.0000


■ 185.6930, 19.3784,
37.9802


■ 212.5080, 19.9626,
37.2655


■ 229.1720, 12.7332,


22.6512


 246.1950, 4.3409,
7.7220


 54.7310, 18.3736,
33.5619


 54.7310, 18.3736,
33.5619


 49.4480, 20.9781,
38.1951

 60.0140, 15.7691,
28.9287


 43.5780, 23.8720,
43.3431

 65.8840, 12.8752,
23.7807

 38.2950, 26.4766,
47.9763

 71.1670, 10.2707,
19.1475

 76.5640, 8.1029,
14.4144

 81.8470, 5.4984,
9.7812

■ 87.7170, 2.6045,
4.6332

■ 93.0000, 0.0000,
0.0000

■ 98.2830, -2.6045,
-4.6332

■ 104.1530, -5.4984,
-9.7812

Harmonies

Analogous

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



55.1540, 29.9971, -8.0281



54.7310, 18.3736, 33.5619



45.0240, 7.3832, 58.7380

Triad

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



54.7310, 18.3736, 33.5619



52.9270, -26.0930, 15.8500



51.0080, 17.7441, -44.7340

Complementary

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



54.7310, 18.3736, 33.5619



66.2690, -18.3736, -33.5619

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.



47.1320, 2.8929, -41.3348



54.7310, 18.3736, 33.5619



48.6420, -23.9805, -8.4560

Square

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



54.7310, 18.3736, 33.5619



51.5970, -25.4373, 38.9414



41.8540, -12.2530, -36.7060



52.7980, 29.6796, -46.3038

Rectangle

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



54.7310, 18.3736, 33.5619



45.0490, -3.9682, 59.5930



41.8540, -12.2530, -36.7060



49.7540, 12.9393, -43.6343

Sweetspot

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



54.7310, 18.3736, 33.5619



105.2110, 6.7980, 12.9700



35.4100, 28.3919, -6.4986



52.1950, 4.3409, 7.7220



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.



54.7310, 18.3736, 33.5619



60.4850, 28.3549, 52.1947



51.1970, 4.8329, 36.6612



43.0650, 1.4470, 2.5740



45.2020, 30.9594, 56.8278



97.5390, 67.2753, 122.3073

Inverse Universe

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



54.7310, 18.3736, 33.5619



60.4850, 28.3549, 52.1947



69.9170, -4.3961, -36.7612



43.0650, 1.4470, 2.5740



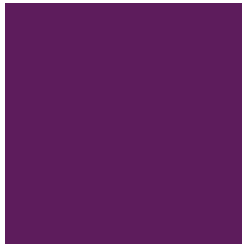
45.2020, 30.9594, 56.8278



97.5390, 67.2753, 122.3073

Previews

White Background



This preview shows how the YUV color 54.7310, 18.3736, 33.5619 looks on a white background.

Color Contrast Check

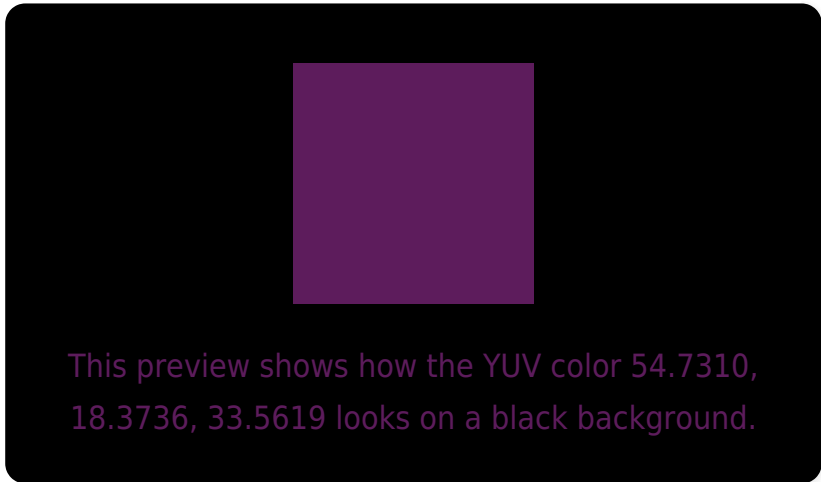
Large Text (above 18pt) WCAG AA ✓ Pass

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

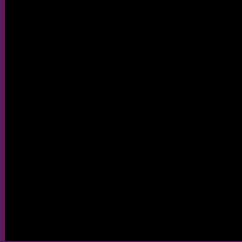
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.7310, 18.3736, 33.5619

Background



This preview shows how black text looks on a background with the YUV color 54.7310, 18.3736, 33.5619.



This preview shows how white text looks on a background with the YUV color 54.7310, 18.3736,

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

54.7310, 18.3736, 33.5619

Protanopia

45.6230, 35.1889, -40.0114

Deuteranopia

55.9350, 15.3150, -12.2210



Tritanopia

56.7970, -5.3229, 27.3650

Trichromacy



Original Color

54.7310, 18.3736, 33.5619

Protanomaly

48.8930, 29.1398, -13.0612

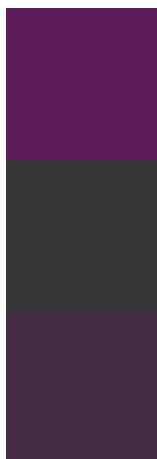
Deuteranomaly

55.3870, 16.5712, 4.9226

Tritanomaly

56.3980, 3.2548, 29.4690

Monochromacy



Original Color

54.7310, 18.3736, 33.5619

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.7980, 6.5086, 12.4552

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.7310, 18.3736, 33.5619 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(93, 28, 92)` looks like.

```
.text, #text, p{  
    color:rgb(93, 28, 92)  
}
```

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(93, 28, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 28, 92) }
```

Border

The CSS property to change the border of an element to YUV 54.7310, 18.3736, 33.5619 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(93, 28, 92) }
```


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

```
.border{ border-color:rgb(93, 28, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 28, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 28, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 28, 92);  
box-shadow:4px 4px 4px 4px rgb(93, 28, 92)  
}
```

Background

The CSS property to change the background color of an element to YUV 54.7310, 18.3736, 33.5619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 28, 92) }
```

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

```
.background{ background-color: rgb(93, 28,  
92) }
```

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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