

Converting Colors

YUV(54.5030, 17.5000, 33.7619)

Have a look what the booklet for
YUV(54.5030, 17.5000, 33.7619)
contains.

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Color

**YUV(54.5030, 17.5000,
33.7619)**

Conversions

Conversions Part 1

Format	Color
Hex	5D1C5A
RGB	93, 28, 90
RGB Percent	36%, 11%, 35%
CMY	0.6353, 0.8902, 0.6471
CMYK	0.00, 0.70, 0.03, 0.64
HSL	303°, 54%, 24%
HSV	303°, 70%, 36%
XYZ	6.7749, 3.8958, 10.0678
YIQ	54.5030, 18.8380, 33.0620

Conversions

Conversions Part 2

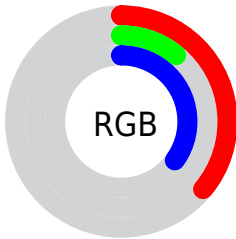
Format	Color
R_{YB}	93, 28, 90
Decimal	6102106
CIE _{Lab}	23.32, 37.81, -22.64
CIE _{LCh}	23, 44.071, 329.090
Yxy	3.8958, 0.3267, 0.1879
Android (android.graphics.Color)	4284292186 (0xFF5D1C5A)
YUV	54.5030, 17.5000, 33.7619
Hunter-Lab	19.7379, 26.7277, -16.4256

Details

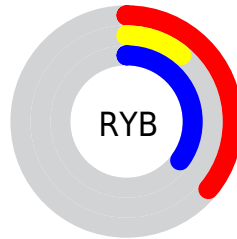
The YUV color **54.5030, 17.5000, 33.7619** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **66.4970, -17.5000, -33.7619**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.1010, 17.2052, 34.9914**, and **18.4710, 12.5858, 23.2659** is the 20% darker color. If you saturate the color by 10%, you get **49.2200, 20.1045, 38.3951**, and if you desaturate by 10%, it is **59.7860, 14.8955, 29.1287**.

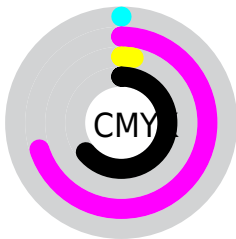
Distribution



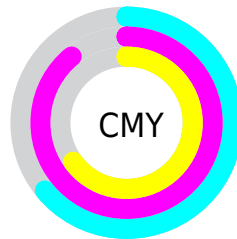
- Red (36%)
- Green (11%)
- Blue (35%)



- Red (36%)
- Yellow (11%)
- Blue (35%)



- Cyan (0%)
- Magenta (70%)
- Yellow (3%)
- Black (64%)



- Cyan (64%)
- Magenta (89%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.5030, 17.5000, 33.7619 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 54.5030, 17.5000, 33.7619 by changing the saturation by 10% instead.

■ 54.5030, 17.5000,
33.7619

■ 54.5030, 17.5000,
33.7619

■ 255.0000, 0.0000,
0.0000

■ 27.8560, 18.8050,
35.2063

■ 105.1010, 17.2052,
34.9914

■ 18.4710, 12.5858,
23.2659

■ 131.2260, 17.6366,
36.6358

■ 5.9110, 8.4249,
4.4631

■ 157.9380, 17.7786,
37.7654

■ 0.0000, 0.0000,
0.0000

■ 185.3510, 18.0680,
38.2802

■ 212.2800, 19.0890,
37.4654

■ 229.1720, 12.7332,

22.6512

246.1950, 4.3409,
7.7220

54.5030, 17.5000,
33.7619

54.5030, 17.5000,
33.7619

49.2200, 20.1045,
38.3951

59.7860, 14.8955,
29.1287

43.2360, 22.5617,
43.6430

65.7700, 12.4384,
23.8807

37.9530, 25.1662,
48.2762

71.0530, 9.8339,
19.2475

76.4500, 7.6661,
14.5143

81.7330, 5.0616,
9.8812

■ 87.7170, 2.6045,
4.6332

■ 93.0000, 0.0000,
0.0000

■ 98.2830, -2.6045,
-4.6332

■ 104.2670, -5.0616,
-9.8812

Harmonies

Analogous

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



54.9370, 29.1181, -6.0837



54.5030, 17.5000, 33.7619



45.6710, 6.0782, 57.2935

Triad

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



54.5030, 17.5000, 33.7619



52.6280, -25.9456, 15.2352



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.



54.5030, 17.5000, 33.7619



66.4970, -17.5000, -33.7619

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.



46.6590, 3.6191, -40.9199



54.5030, 17.5000, 33.7619



48.3430, -23.8331, -9.0708

Square

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



54.5030, 17.5000, 33.7619



51.8850, -25.5793, 37.8119



41.3810, -11.5268, -36.2911



52.0970, 29.5322, -45.6891

Rectangle

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



54.5030, 17.5000, 33.7619



46.3970, -5.1257, 57.5338



41.3810, -11.5268, -36.2911



49.7540, 12.9393, -43.6343

Sweetspot

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



54.5030, 17.5000, 33.7619



105.2110, 6.7980, 12.9700



36.0080, 28.0971, -5.2690



52.0810, 3.9041, 7.8220



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.



54.5030, 17.5000, 33.7619



60.1430, 27.0445, 52.4946



50.8550, 3.5225, 36.9612



43.0650, 1.4470, 2.5740



44.8600, 29.6490, 57.1278



96.6270, 63.7809, 123.1071

Inverse Universe

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



54.5030, 17.5000, 33.7619



60.1430, 27.0445, 52.4946



70.1450, -3.5225, -36.9612



43.0650, 1.4470, 2.5740



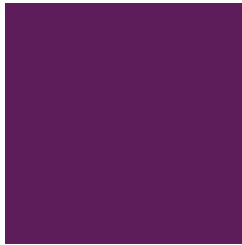
44.8600, 29.6490, 57.1278



96.6270, 63.7809, 123.1071

Previews

White Background



This preview shows how the YUV color 54.5030, 17.5000, 33.7619 looks on a white background.

Color Contrast Check

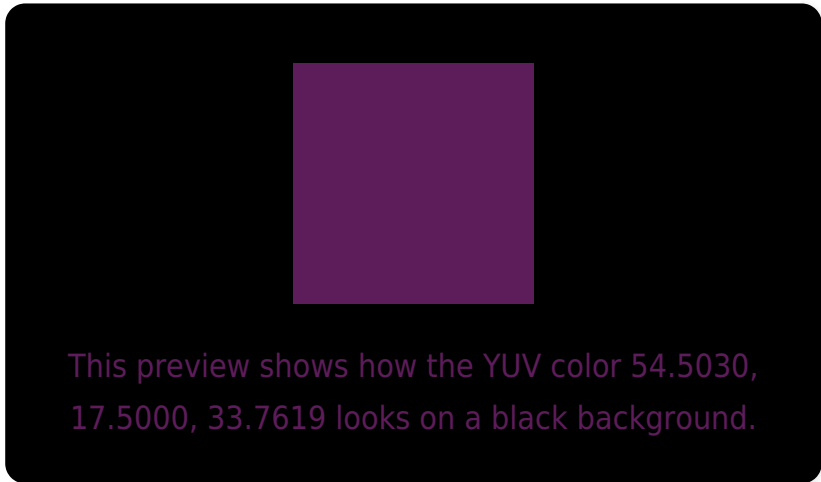
Large Text (above 18pt) WCAG AA ✓ Pass

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

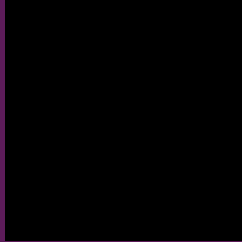
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.5030, 17.5000, 33.7619

Background



This preview shows how black text looks on a background with the YUV color 54.5030, 17.5000, 33.7619.



This preview shows how white text looks on a background with the YUV color 54.5030, 17.5000,

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

54.5030, 17.5000, 33.7619

Protanopia

49.5810, 32.2516, -31.2045

Deuteranopia

56.4190, 14.5834, -10.8915



Tritanopia

56.7970, -5.3229, 27.3650

Trichromacy



Original Color

54.5030, 17.5000, 33.7619

Protanomaly

51.3560, 26.9395, -7.3282

Deuteranomaly

55.4580, 15.5502, 5.7373

Tritanomaly

56.2840, 2.8180, 29.5689

Monochromacy



Original Color

54.5030, 17.5000, 33.7619

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 54.5030, 17.5000, 33.7619 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, 90)` looks like.

```
.text, #text, p{  
    color:rgb(93, 28, 90)  
}
```

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, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 28, 90) }
```

Border

The CSS property to change the border of an element to YUV 54.5030, 17.5000, 33.7619 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, 90) }
```


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

```
.border{ border-color:rgb(93, 28, 90) }
```

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, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 28, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 28, 90);  
box-shadow:4px 4px 4px 4px rgb(93, 28, 90)  
}
```

Background

The CSS property to change the background color of an element to YUV 54.5030, 17.5000, 33.7619 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, 90) }
```

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

```
.background{ background-color: rgb(93, 28,  
90) }
```

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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