

Converting Colors

YUV(54.9630, 19.7382, 15.8184)

Have a look what the booklet for
YUV(54.9630, 19.7382, 15.8184)
contains.

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Color

**YUV(54.9630, 19.7382,
15.8184)**

Conversions

Conversions Part 1

Format	Color
Hex	49265F
RGB	73, 38, 95
RGB Percent	29%, 15%, 37%
CMY	0.7137, 0.8510, 0.6275
CMYK	0.23, 0.60, 0.00, 0.63
HSL	277°, 43%, 26%
HSV	277°, 60%, 37%
XYZ	5.5063, 3.6289, 11.2367
YIQ	54.9630, 2.5630, 25.1470

Conversions

Conversions Part 2

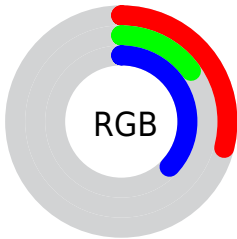
Format	Color
R_YB	73, 38, 95
Decimal	4793951
CIE Lab	22.40, 27.93, -27.60
CIE LCh	22, 39.265, 315.346
Yxy	3.6289, 0.2703, 0.1781
Android (android.graphics.Color)	4282984031 (0xFF49265F)
YUV	54.9630, 19.7382, 15.8184
Hunter-Lab	19.0497, 18.2585, -21.6381

Details

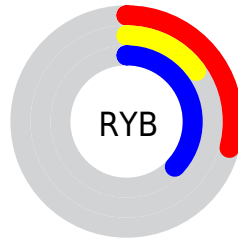
The YUV color **54.9630, 19.7382, 15.8184** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **78.0370, -19.7382, -15.8184**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.3160, 21.0432, 17.2629**, and **14.1430, 16.6915, 13.0296** is the 20% darker color. If you saturate the color by 10%, you get **48.4840, 22.9324, 17.9925**, and if you desaturate by 10%, it is **62.0290, 16.2547, 13.1296**.

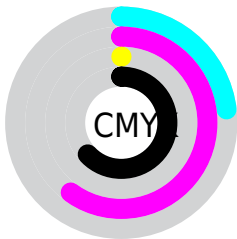
Distribution



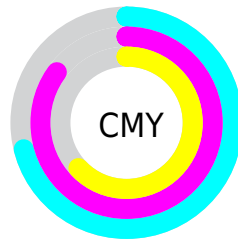
- Red (29%)
- Green (15%)
- Blue (37%)



- Red (29%)
- Yellow (15%)
- Blue (37%)



- Cyan (23%)
- Magenta (60%)
- Yellow (0%)
- Black (63%)



- Cyan (71%)
- Magenta (85%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.9630, 19.7382, 15.8184 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 54.9630, 19.7382, 15.8184 by changing the saturation by 10% instead.

■ 54.9630, 19.7382,
15.8184

■ 54.9630, 19.7382,
15.8184

■ 255.0000, 0.0000,
0.0000

■ 32.1370, 19.1595,
14.7889

■ 103.3160, 21.0432,
17.2629

■ 14.1430, 16.6915,
13.0296

■ 128.5550, 21.9114,
18.8073

■ 3.6650, 11.5042,
-3.2142

■ 154.9680, 22.2008,
19.3221

■ 0.0000, 0.0000,
0.0000

■ 182.3810, 22.4902,
19.8369

■ 209.6800, 22.3428,
20.4516

■ 232.6940, 10.9969,

19.5624

249.1300, 2.8939,
5.1480

54.9630, 19.7382,
15.8184

54.9630, 19.7382,
15.8184

48.4840, 22.9324,
17.9925

62.0290, 16.2547,
13.1296

41.7170, 26.2685,
21.2962

68.2090, 13.2080,
10.3407

34.6510, 29.7521,
23.9851

75.2750, 9.7244,
7.6518

28.1720, 32.9462,
26.1592

81.7540, 6.5303,
5.4777

88.5210, 3.1941,
2.1741

■ 95.0000, 0.0000,
0.0000

■ 102.0660, -3.4835,
-2.6889

■ 108.2460, -6.5303,
-5.4777

■ 115.3120,
-10.0138, -8.1666

Harmonies

Analogous

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



44.8580, 32.1150, -34.0785



54.9630, 19.7382, 15.8184



50.6690, 9.0372, 41.5093

Triad

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



54.9630, 19.7382, 15.8184



50.9110, -25.0991, 23.7571



46.4940, 10.6025, -40.7752

Complementary

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



54.9630, 19.7382, 15.8184



78.0370, -19.7382, -15.8184

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.



43.0740, -2.5015, -37.7759



54.9630, 19.7382, 15.8184



49.3060, -24.3079, 3.2396

Square

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



54.9630, 19.7382, 15.8184



49.4430, -18.4594, 40.8305



41.8510, -17.6745, -24.4253



48.9850, 22.6854, -42.9598

Rectangle

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



54.9630, 19.7382, 15.8184



47.9490, 1.0111, 49.1567



41.8510, -17.6745, -24.4253



45.3540, 6.2345, -39.7755

Sweetspot

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



54.9630, 19.7382, 15.8184



106.6940, 7.5459, 6.4074



57.9990, 18.2415, -17.5391



51.8740, 4.4991, 3.6185



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.



54.9630, 19.7382, 15.8184



60.1780, 30.4782, 24.3999



60.8570, 13.8745, 29.9434



45.3530, 1.3050, 1.4444



33.3990, 38.7503, 31.2221



71.3130, 83.1627, 66.3775

Inverse Universe

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



57.5510, 1.2074, 32.8428



64.1880, 1.8793, 50.7011



72.1430, -13.8745, -29.9434



45.3100, -0.1528, 2.3591



38.3900, 2.2727, 64.5560



82.3620, 5.2445, 138.2485

Previews

White Background



This preview shows how the YUV color 54.9630, 19.7382, 15.8184 looks on a white background.

Color Contrast Check

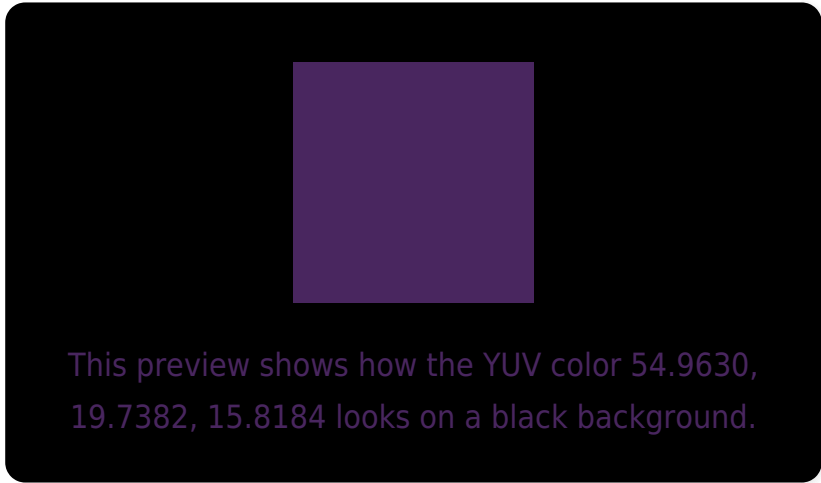
Large Text (above 18pt) WCAG AA ✓ Pass

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

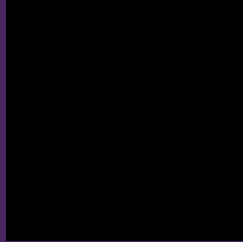
Any Text WCAG AA × Fail

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 54.9630, 19.7382, 15.8184 Background



This preview shows how black text looks on a background with the YUV color 54.9630, 19.7382, 15.8184.



This preview shows how white text looks on a background with the YUV color 54.9630, 19.7382,

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

54.9630, 19.7382, 15.8184

Protanopia

46.6520, 31.2306, -30.3898

Deuteranopia

50.8460, 20.2889, -20.9129



Tritanopia

55.1260, -1.0481, 9.5365

Trichromacy



Original Color

54.9630, 19.7382, 15.8184

Protanomaly

49.7250, 27.2506, -13.7908

Deuteranomaly

52.5210, 19.9561, -7.4729

Tritanomaly

55.3850, 6.2192, 11.9404

Monochromacy



Original Color

54.9630, 19.7382, 15.8184

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.2810, 7.2565, 5.8926

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.9630, 19.7382, 15.8184 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(73, 38, 95)` looks like.

```
.text, #text, p{  
    color:rgb(73, 38, 95)  
}
```

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(73, 38, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 38, 95) }
```

Border

The CSS property to change the border of an element to YUV 54.9630, 19.7382, 15.8184 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(73, 38, 95) }
```


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

```
.border{ border-color:rgb(73, 38, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 38, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 38, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 38, 95);  
box-shadow:4px 4px 4px 4px rgb(73, 38, 95)  
}
```

Background

The CSS property to change the background color of an element to YUV 54.9630, 19.7382, 15.8184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 38, 95) }
```

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

```
.background{ background-color: rgb(73, 38,  
95) }
```

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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