

Converting Colors

YUV(54.7830, 19.3340, 5.4523)

Have a look what the booklet for
YUV(54.7830, 19.3340, 5.4523)
contains.

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Color

**YUV(54.7830, 19.3340,
5.4523)**

Conversions

Conversions Part 1

Format	Color
Hex	3D2C5E
RGB	61, 44, 94
RGB Percent	24%, 17%, 37%
CMY	0.7608, 0.8275, 0.6314
CMYK	0.35, 0.53, 0.00, 0.63
HSL	260°, 36%, 27%
HSV	260°, 53%, 37%
XYZ	4.8455, 3.6016, 11.0295
YIQ	54.7830, -5.9180, 19.1540

Conversions

Conversions Part 2

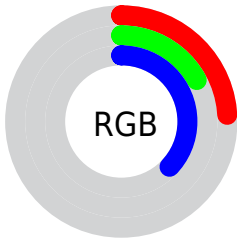
Format	Color
R_{YB}	61, 44, 94
Decimal	4009054
CIE _{Lab}	22.31, 20.28, -27.18
CIE _{LCh}	22, 33.912, 306.721
Yxy	3.6016, 0.2488, 0.1849
Android (android.graphics.Color)	4282199134 (0xFF3D2C5E)
YUV	54.7830, 19.3340, 5.4523
Hunter-Lab	18.9779, 12.3641, -21.1732

Details

The YUV color **54.7830, 19.3340, 5.4523** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **83.2170, -19.3340, -5.4523**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.2500, 21.0757, 6.7968**, and **10.8540, 18.3130, 6.2670** is the 20% darker color. If you saturate the color by 10%, you get **47.7060, 22.8229, 6.3968**, and if you desaturate by 10%, it is **61.8600, 15.8450, 4.5078**.

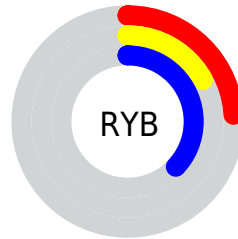
Distribution



Red (24%)

Green (17%)

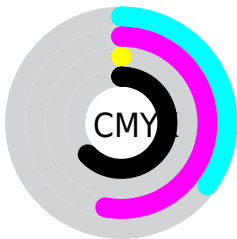
Blue (37%)



Red (24%)

Yellow (17%)

Blue (37%)

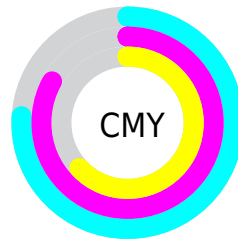


Cyan (35%)

Magenta (53%)

Yellow (0%)

Black (63%)



Cyan (76%)

Magenta (83%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.7830, 19.3340, 5.4523 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 54.7830, 19.3340, 5.4523 by changing the saturation by 10% instead.

■ 54.7830, 19.3340,
5.4523

■ 54.7830, 19.3340,
5.4523

■ 255.0000, 0.0000,
0.0000

■ 32.5440, 18.4658,
3.9079

■ 102.2500, 21.0757,
6.7968

■ 10.8540, 18.3130,
6.2670

■ 127.6630, 21.3651,
7.3115

■ 3.5510, 11.0674,
-3.1142

■ 153.6030, 22.3807,
8.2412

■ 0.0000, 0.0000,
0.0000

■ 180.7170, 22.8175,
8.1412

■ 208.4290, 22.9595,
9.2708

■ 233.2370, 10.7292,

12.0702

252.6520, 1.1576,
2.0592

54.7830, 19.3340,
5.4523

54.7830, 19.3340,
5.4523

47.7060, 22.8229,
6.3968

61.8600, 15.8450,
4.5078

40.0420, 26.6013,
7.8562

69.5240, 12.0667,
3.0485

32.6660, 30.2377,
8.1859

76.9000, 8.4303,
2.7187

25.0020, 34.0160,
9.6452

84.5640, 4.6519,
1.2594

20.2840, 36.3420,
10.2749

91.6410, 1.1630,
0.3148

■ 98.7180, -2.3260,
-0.6297

■ 106.3820, -6.1043,
-2.0890

■ 113.7580, -9.7407,
-2.4188

■ 121.4220,
-13.5190, -3.8781

Harmonies

Analogous

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



44.1410, 29.5105, -38.7117



54.7830, 19.3340, 5.4523



53.5320, 10.0907, 30.2284

Triad

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



54.7830, 19.3340, 5.4523



50.8620, -24.0890, 26.4310



44.7670, 6.5239, -39.2607

Complementary

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



54.7830, 19.3340, 5.4523



83.2170, -19.3340, -5.4523

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.



41.2160, -4.5435, -36.1464



54.7830, 19.3340, 5.4523



49.9370, -24.6189, 9.7023

Square

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



54.7830, 19.3340, 5.4523



51.2130, -12.9230, 38.4012



45.8850, -19.1703, -11.3001



47.0300, 17.7332, -41.2453

Rectangle

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



54.7830, 19.3340, 5.4523



51.6380, 2.6435, 38.9055



45.8850, -19.1703, -11.3001



43.8550, 3.0295, -38.4608

Sweetspot

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



54.7830, 19.3340, 5.4523



106.9600, 7.4147, 1.7891



69.0710, 12.2900, -21.9873



52.4500, 4.2152, 1.3594



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.



54.7830, 19.3340, 5.4523



60.9650, 30.0903, 8.8007



62.2580, 15.6488, 20.8217



42.1680, 1.8892, 0.7297



23.6030, 42.5937, 11.7492



51.2370, 91.5812, 26.1022

Inverse Universe

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



62.7120, 7.0440, 27.4396



73.2500, 11.2157, 42.7537



75.7420, -15.6488, -20.8217



42.8370, 0.5734, 2.7740



41.0980, 15.2347, 60.4271



88.7610, 33.6418, 130.0056

Previews

White Background



This preview shows how the YUV color 54.7830, 19.3340, 5.4523 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



This preview shows how the YUV color 54.7830, 19.3340, 5.4523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

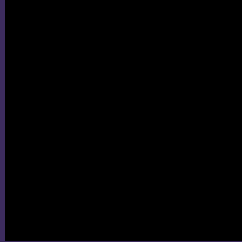
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.7830, 19.3340, 5.4523

Background



This preview shows how black text looks on a background with the YUV color 54.7830, 19.3340, 5.4523.



This preview shows how white text looks on a background with the YUV color 54.7830, 19.3340,

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

54.7830, 19.3340, 5.4523

Protanopia

49.9260, 25.6725, -20.9831

Deuteranopia

49.6610, 20.8731, -21.6277



Tritanopia

53.4560, 1.7472, -0.3999

Trichromacy



Original Color

54.7830, 19.3340, 5.4523

Protanomaly

51.7100, 23.3140, -11.1467

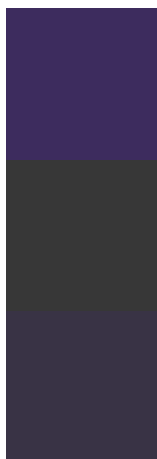
Deuteranomaly

51.3140, 20.5512, -11.6764

Tritanomaly

54.0740, 7.8515, 1.6891

Monochromacy



Original Color

54.7830, 19.3340, 5.4523

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.8460, 6.9779, 1.8891

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.7830, 19.3340, 5.4523 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(61, 44, 94)` looks like.

```
.text, #text, p{  
    color:rgb(61, 44, 94)  
}
```

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(61, 44, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 44, 94) }
```

Border

The CSS property to change the border of an element to YUV 54.7830, 19.3340, 5.4523 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(61, 44, 94) }
```


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

```
.border{ border-color:rgb(61, 44, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 44, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 44, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 44, 94);  
box-shadow:4px 4px 4px 4px rgb(61, 44, 94)  
}
```

Background

The CSS property to change the background color of an element to YUV 54.7830, 19.3340, 5.4523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 44, 94) }
```

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

```
.background{ background-color: rgb(61, 44,  
94) }
```

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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