

Converting Colors

YUV(45.9550, 45.3782, 5.3015)

Have a look what the booklet for
YUV(45.9550, 45.3782, 5.3015)
contains.

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Color

**YUV(45.9550, 45.3782,
5.3015)**

Conversions

Conversions Part 1

Format	Color
Hex	34198A
RGB	52, 25, 138
RGB Percent	20%, 10%, 54%
CMY	0.7961, 0.9020, 0.4588
CMYK	0.62, 0.82, 0.00, 0.46
HSL	254°, 69%, 32%
HSV	254°, 82%, 54%
XYZ	6.3512, 3.2603, 24.3393
YIQ	45.9550, -20.1810, 40.8670

Conversions

Conversions Part 2

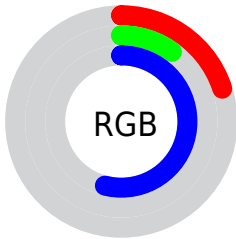
Format	Color
R_{YB}	52, 25, 138
Decimal	3414410
CIE _{Lab}	21.06, 43.17, -57.49
CIE _{LCh}	21, 71.890, 306.902
Yxy	3.2603, 0.1871, 0.0960
Android (android.graphics.Color)	4281604490 (0xFF34198A)
YUV	45.9550, 45.3782, 5.3015
Hunter-Lab	18.0563, 31.1883, -67.2815

Details

The YUV color **45.9550, 45.3782, 5.3015** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **117.0450, -45.3782, -5.3015**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.7430, 46.9617, 10.7494**, and **9.9180, 38.0014, -8.6981** is the 20% darker color. If you saturate the color by 10%, you get **34.4480, 51.0511, 5.7461**, and if you desaturate by 10%, it is **57.4620, 39.7052, 4.8568**.

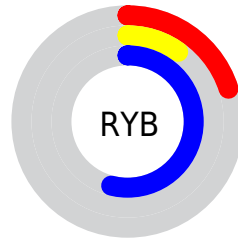
Distribution



Red (20%)

Green (10%)

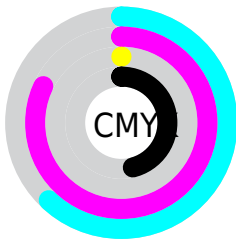
Blue (54%)



Red (20%)

Yellow (10%)

Blue (54%)

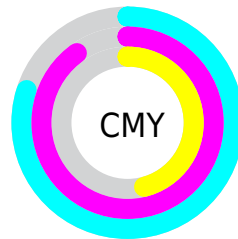


Cyan (62%)

Magenta (82%)

Yellow (0%)

Black (46%)



Cyan (80%)

Magenta (90%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 45.9550, 45.3782, 5.3015 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 45.9550, 45.3782, 5.3015 by changing the saturation by 10% instead.

■ 45.9550, 45.3782,
5.3015

■ 45.9550, 45.3782,
5.3015

■ 255.0000, 0.0000,
0.0000

■ 16.9540, 46.8577,
-2.5907

■ 97.7430, 46.9617,
10.7494

■ 9.9180, 38.0014,
-8.6981

■ 123.9820, 47.8299,
12.2938

■ 8.8290, 26.2133,
-7.7430

■ 150.6340, 48.9874,
14.3530

■ 6.2070, 16.1669,
-5.4435

■ 175.4250, 39.2305,
17.1673

■ 2.5250, 7.1362,
-2.2144

■ 200.2440, 26.9947,
21.7110

■ 0.0000, 0.0000,
0.0000

■ 225.3510, 14.6170,

25.1252

■ 242.0860, 6.3666,
11.3256

■ 45.9550, 45.3782,
5.3015

■ 45.9550, 45.3782,
5.3015

■ 34.4480, 51.0511,
5.7461

■ 57.4620, 39.7052,
4.8568

■ 25.5990, 55.4137,
6.4907

■ 68.6700, 34.1797,
3.7974

■ 79.5900, 28.7961,
3.8676

■ 90.7980, 23.2706,
2.8082

■ 102.3050, 17.5976,
2.3635

■ 113.5130, 12.0721,
1.3041

■ 125.0200, 6.3991,
0.8595

■ 135.6410, 1.1630,
0.3148

■ 147.1480, -4.5100,
-0.1298

Harmonies

Analogous

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



51.1120, 53.6818, -44.8252



45.9550, 45.3782, 5.3015



45.8840, 23.2282, 63.2457

Triad

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



45.9550, 45.3782, 5.3015



45.4280, -22.3960, 43.4746



47.5710, 7.1135, -41.7198

Complementary

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



45.9550, 45.3782, 5.3015



117.0450, -45.3782, -5.3015

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.



39.3290, -19.3892, -34.4915



45.9550, 45.3782, 5.3015



46.6590, -23.0029, 4.6841

Square

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



45.9550, 45.3782, 5.3015



37.0760, -18.2785, 76.2323



36.9810, -18.2316, -32.4323



53.6130, 30.2638, -47.0186

Rectangle

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



45.9550, 45.3782, 5.3015



46.4930, 6.1660, 75.8666



36.9810, -18.2316, -32.4323



44.9320, -0.4595, -39.4054

Sweetspot

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



45.9550, 45.3782, 5.3015



142.4190, 18.0344, 2.2635



88.9510, 24.1812, -56.0850



67.1710, 10.7617, 1.6040



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



45.9550, 45.3782, 5.3015



36.2090, 70.3960, 7.7097



62.6990, 37.1234, 39.7290



63.3960, 2.7628, 0.5297



24.7300, 53.3771, 6.3758



0.8690, 2.0366, 0.1149

Inverse Universe

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



68.5910, 20.9076, 60.8717



71.4870, 32.2979, 94.2889



100.3010, -37.1234, -39.7290



64.6630, 1.1521, 3.8035



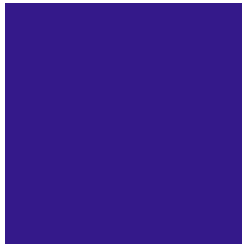
51.2810, 24.5115, 71.6676



1.9510, 1.0102, 2.6740

Previews

White Background



This preview shows how the YUV color 45.9550, 45.3782, 5.3015 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 45.9550, 45.3782, 5.3015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

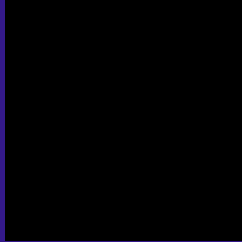
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 45.9550, 45.3782, 5.3015

Background



This preview shows how black text looks on a background with the YUV color 45.9550, 45.3782, 5.3015.



This preview shows how white text looks on a background with the YUV color 45.9550, 45.3782,

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

45.9550, 45.3782, 5.3015

Protanopia

41.3200, 31.3942, -36.2376

Deuteranopia

41.2570, 23.5373, -36.1824



Tritanopia

40.5270, 10.5862, -35.5422

Trichromacy



Original Color

45.9550, 45.3782, 5.3015

Protanomaly

43.0860, 36.4396, -21.1234

Deuteranomaly

43.1200, 31.4928, -21.1532

Tritanomaly

42.3560, 23.4885, -20.4832

Monochromacy



Original Color

45.9550, 45.3782, 5.3015

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

45.6640, 16.4346, 2.0487

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.9550, 45.3782, 5.3015 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(52, 25, 138)` looks like.

```
.text, #text, p{  
    color:rgb(52, 25, 138)  
}
```

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(52, 25, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 25, 138) }
```

Border

The CSS property to change the border of an element to YUV 45.9550, 45.3782, 5.3015 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(52, 25, 138) }
```


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

```
.border{ border-color:rgb(52, 25, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 25, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 25, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 25, 138);  
box-shadow:4px 4px 4px 4px rgb(52, 25,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 45.9550, 45.3782, 5.3015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 25, 138) }
```

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

```
.background{ background-color: rgb(52, 25,  
138) }
```

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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