

Converting Colors

YUV(52.5080, 13.0606, 10.9555)

Have a look what the booklet for
YUV(52.5080, 13.0606, 10.9555)
contains.

YUV(52.5080, 13.0606, 10.9555)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(52.5080, 13.0606,
10.9555)**

Conversions

Conversions Part 1

Format	Color
Hex	41294F
RGB	65, 41, 79
RGB Percent	25%, 16%, 31%
CMY	0.7451, 0.8392, 0.6902
CMYK	0.18, 0.48, 0.00, 0.69
HSL	278°, 32%, 24%
HSV	278°, 48%, 31%
XYZ	4.3842, 3.2742, 7.7980
YIQ	52.5080, 2.1060, 16.9060

Conversions

Conversions Part 2

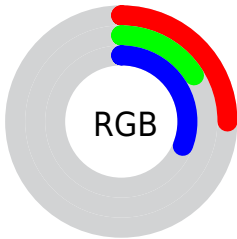
Format	Color
R_{YB}	65, 41, 79
Decimal	4270415
CIE Lab	21.11, 19.36, -19.07
CIE LCh	21, 27.176, 315.426
Yxy	3.2742, 0.2836, 0.2118
Android (android.graphics.Color)	4282460495 (0xFF41294F)
YUV	52.5080, 13.0606, 10.9555
Hunter-Lab	18.0948, 11.5830, -12.8850

Details

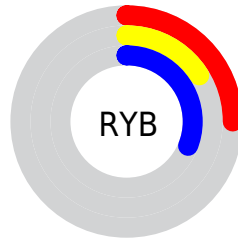
The YUV color **52.5080, 13.0606, 10.9555** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **67.4920, -13.0606, -10.9555**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.7470, 13.9287, 12.4999**, and **11.4650, 11.6028, 11.8702** is the 20% darker color. If you saturate the color by 10%, you get **46.9150, 15.8179, 13.2295**, and if you desaturate by 10%, it is **58.1010, 10.3032, 8.6814**.

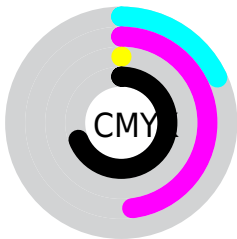
Distribution



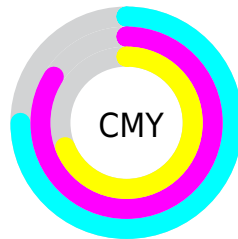
- Red (25%)
- Green (16%)
- Blue (31%)



- Red (25%)
- Yellow (16%)
- Blue (31%)



- Cyan (18%)
- Magenta (48%)
- Yellow (0%)
- Black (69%)



- Cyan (75%)
- Magenta (84%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.5080, 13.0606, 10.9555 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 52.5080, 13.0606, 10.9555 by changing the saturation by 10% instead.

■ 52.5080, 13.0606,
10.9555

■ 52.5080, 13.0606,
10.9555

■ 255.0000, 0.0000,
0.0000

■ 30.6820, 12.4818,
9.9259

■ 99.7470, 13.9287,
12.4999

■ 11.4650, 11.6028,
11.8702

■ 124.5730, 14.5075,
13.5295

■ 1.0260, 3.9312,
-0.8998

■ 150.6870, 14.9443,
13.4295

■ 0.0000, 0.0000,
0.0000

■ 177.5130, 15.5231,
14.4591

■ 205.5130, 15.5231,
14.4591

■ 231.7860, 11.4445,

15.9737

250.3040, 2.3151,
4.1184

52.5080, 13.0606,
10.9555

52.5080, 13.0606,
10.9555

46.9150, 15.8179,
13.2295

58.1010, 10.3032,
8.6814

41.3220, 18.5753,
15.5036

63.6940, 7.5459,
6.4074

35.7290, 21.3326,
17.7777

69.2870, 4.7885,
4.1333

30.1360, 24.0900,
20.0517

74.8800, 2.0312,
1.8592

25.1300, 26.5579,
21.8110

80.4730, -0.7262,
-0.4148

■ 23.9560, 27.1367,
22.8406

■ 85.1800, -3.0467,
-2.7889

■ 90.7730, -5.8041,
-5.0629

■ 96.3660, -8.5614,
-7.3370

■ 101.9590,
-11.3188, -9.6110

Harmonies

Analogous

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



48.7760, 19.8304, -13.8356



52.5080, 13.0606, 10.9555



51.4300, 4.7180, 26.8099

Triad

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



52.5080, 13.0606, 10.9555



48.9580, -19.6993, 18.4538



42.1740, 9.2812, -36.9866

Complementary

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



52.5080, 13.0606, 10.9555



67.4920, -13.0606, -10.9555

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.



39.7800, 0.1085, -34.8871



52.5080, 13.0606, 10.9555



47.5710, -19.5085, 3.8842

Square

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



52.5080, 13.0606, 10.9555



49.4460, -13.0379, 28.5499



44.5240, -11.5973, -13.6145



43.6390, 17.4330, -38.2714

Rectangle

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



52.5080, 13.0606, 10.9555



50.2690, -1.1186, 32.2131



44.5240, -11.5973, -13.6145



41.3760, 6.2236, -36.2868

Sweetspot

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



52.5080, 13.0606, 10.9555



92.2870, 4.7885, 4.1333



54.1370, 12.2575, -11.5211



44.8200, 3.0467, 2.7889



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



52.5080, 13.0606, 10.9555



60.7890, 20.3170, 16.8480



56.2380, 9.2497, 19.9623



35.3530, 1.3050, 1.4444



30.7640, 35.1193, 29.1480



69.5750, 79.0895, 66.1477

Inverse Universe

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



53.9580, 0.5137, 21.9618



63.1490, 0.9125, 34.0723



63.7620, -9.2497, -19.9623



35.4240, 0.2840, 2.2592



34.8300, 1.5628, 58.9081



78.4600, 3.2242, 132.9006

Previews

White Background



This preview shows how the YUV color 52.5080, 13.0606, 10.9555 looks on a white background.

Color Contrast Check

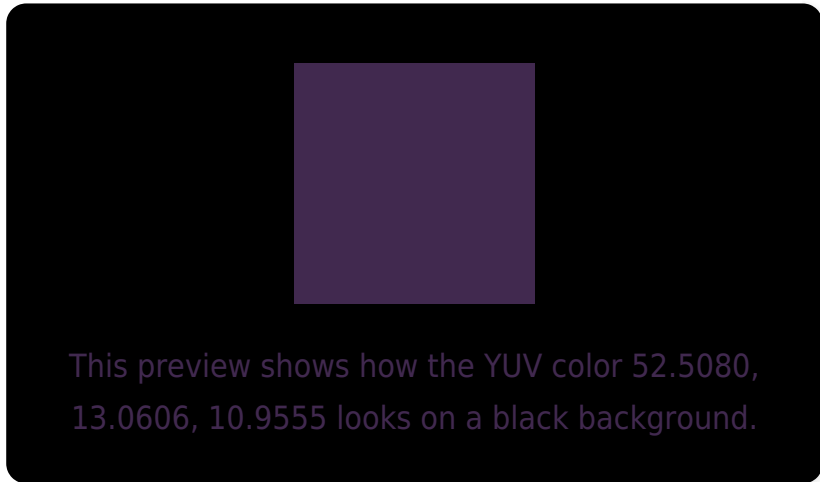
Large Text (above 18pt) WCAG AA ✓ Pass

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

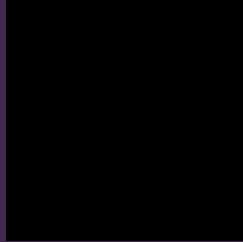
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.5080, 13.0606, 10.9555

Background



This preview shows how black text looks on a background with the YUV color 52.5080, 13.0606, 10.9555.



This preview shows how white text looks on a background with the YUV color 52.5080, 13.0606,

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

52.5080, 13.0606, 10.9555

Protanopia

49.7330, 18.3726, -12.9208

Deuteranopia

50.3760, 13.1256, -9.9768



Tritanopia

52.2290, -0.6059, 7.6922

Trichromacy



Original Color

52.5080, 13.0606, 10.9555

Protanomaly

50.9190, 16.3089, -4.3140

Deuteranomaly

50.8330, 13.3933, -2.4845

Tritanomaly

51.9070, 4.4828, 8.8516

Monochromacy



Original Color

52.5080, 13.0606, 10.9555

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

52.8740, 4.4991, 3.6185

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.5080, 13.0606, 10.9555 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(65, 41, 79)` looks like.

```
.text, #text, p{  
    color:rgb(65, 41, 79)  
}
```

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(65, 41, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 41, 79) }
```

Border

The CSS property to change the border of an element to YUV 52.5080, 13.0606, 10.9555 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(65, 41, 79) }
```


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

```
.border{ border-color:rgb(65, 41, 79) }
```

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

Here you see how a box with a 4 pixel rgb(65, 41, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 41, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 41, 79);  
box-shadow:4px 4px 4px 4px rgb(65, 41, 79)  
}
```

Background

The CSS property to change the background color of an element to YUV 52.5080, 13.0606, 10.9555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 41, 79) }
```

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

```
.background{ background-color: rgb(65, 41,  
79) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor