

Converting Colors

YUV(47.9550, 35.5182, 41.2585)

Have a look what the booklet for
YUV(47.9550, 35.5182, 41.2585)
contains.

YUV(47.9550, 35.5182, 41.2585)	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(47.9550, 35.5182,
41.2585)**

Conversions

Conversions Part 1

Format	Color
Hex	5F0A78
RGB	95, 10, 120
RGB Percent	37%, 4%, 47%
CMY	0.6275, 0.9608, 0.5294
CMYK	0.21, 0.92, 0.00, 0.53
HSL	286°, 85%, 25%
HSV	286°, 92%, 47%
XYZ	8.2180, 4.0060, 18.1094
YIQ	47.9550, 15.3500, 52.2300

Conversions

Conversions Part 2

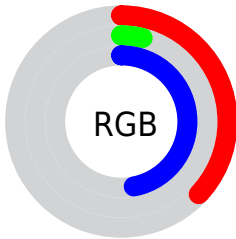
Format	Color
RYB	95, 10, 120
Decimal	6228600
CIELab	23.69, 50.01, -41.55
CIELCh	24, 65.023, 320.277
Yxy	4.0060, 0.2709, 0.1321
Android (android.graphics.Color)	4284418680 (0xFF5F0A78)
YUV	47.9550, 35.5182, 41.2585
Hunter-Lab	20.0151, 38.2640, -39.6342

Details

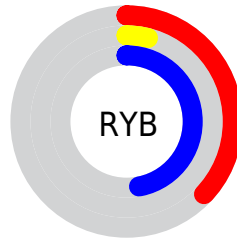
The YUV color **47.9550, 35.5182, 41.2585** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **82.0450, -35.5182, -41.2585**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.7760, 33.6344, 38.7844**, and **21.2500, 24.5267, 19.9518** is the 20% darker color. If you saturate the color by 10%, you get **41.4870, 38.7069, 45.1769**, and if you desaturate by 10%, it is **55.8960, 31.6033, 36.9252**.

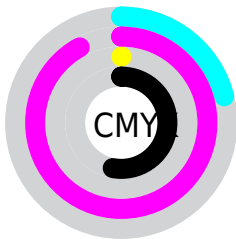
Distribution



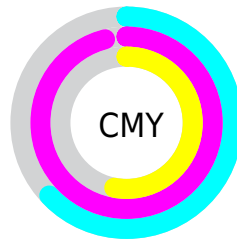
- Red (37%)
- Green (4%)
- Blue (47%)



- Red (37%)
- Yellow (4%)
- Blue (47%)



- Cyan (21%)
- Magenta (92%)
- Yellow (0%)
- Black (53%)



- Cyan (63%)
- Magenta (96%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.9550, 35.5182, 41.2585 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 47.9550, 35.5182, 41.2585 by changing the saturation by 10% instead.

47.9550, 35.5182,
41.2585

47.9550, 35.5182,
41.2585

255.0000, 0.0000,
0.0000

31.4610, 31.3247,
32.9217

104.7760, 33.6344,
38.7844

21.2500, 24.5267,
19.9518

131.6020, 34.2132,
39.8140

9.8430, 18.3184,
4.5227

158.7270, 34.6446,
41.4584

3.4370, 10.6306,
-3.0142

186.2110, 33.9130,
42.7880


0.0000, 0.0000,
0.0000


208.6270, 22.8619,
40.6691


225.0630, 14.7589,


26.2547


 242.0860, 6.3666,
11.3256


 47.9550, 35.5182,
41.2585


 47.9550, 35.5182,
41.2585


 41.4870, 38.7069,
45.1769

 55.8960, 31.6033,
36.9252

 63.5380, 27.8358,
31.9772

 71.4790, 23.9209,
27.6439

 79.4200, 20.0059,
23.3107

 87.3610, 16.0910,
18.9774

■ 95.0030, 12.3235,
14.0294

■ 102.9440, 8.4086,
9.6961

■ 110.8850, 4.4937,
5.3629

■ 118.8260, 0.5788,
1.0296

Harmonies

Analogous

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



47.6240, 50.4714, -41.7662



47.9550, 35.5182, 41.2585



47.3060, 13.1601, 72.5226

Triad

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



47.9550, 35.5182, 41.2585



53.5800, -26.4149, 25.8013



54.1710, 17.1707, -47.5080

Complementary

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



47.9550, 35.5182, 41.2585



82.0450, -35.5182, -41.2585

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.



47.1830, -4.5272, -41.3795



47.9550, 35.5182, 41.2585



48.9300, -24.1225, -9.5856

Square

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



47.9550, 35.5182, 41.2585



42.9020, -21.1507, 64.1069



41.0900, -20.2574, -36.0359



58.4860, 36.2424, -51.2922

Rectangle

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



47.9550, 35.5182, 41.2585



45.5660, -1.2650, 79.3106



41.0900, -20.2574, -36.0359



51.7600, 10.4713, -45.3935

Sweetspot

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



47.9550, 35.5182, 41.2585



127.1820, 14.2073, 16.5034



37.8020, 40.5236, -24.3824



61.3570, 8.6980, 10.2109



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



47.9550, 35.5182, 41.2585



53.6640, 50.4516, 58.1767



52.1240, 19.1659, 59.5273



57.1790, 1.8838, 2.4740



43.2530, 40.3013, 47.1361



87.0330, 81.3287, 94.6871

Inverse Universe

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



45.7400, -5.2948, 65.1260



50.6340, -7.7076, 92.4060



77.8760, -19.1659, -59.5273



56.9080, -0.4476, 3.5887



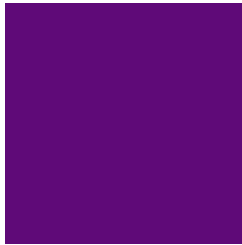
40.5670, -6.1955, 74.0477



81.8460, -12.2491, 149.2251

Previews

White Background



This preview shows how the YUV color 47.9550, 35.5182, 41.2585 looks on a white background.

Color Contrast Check

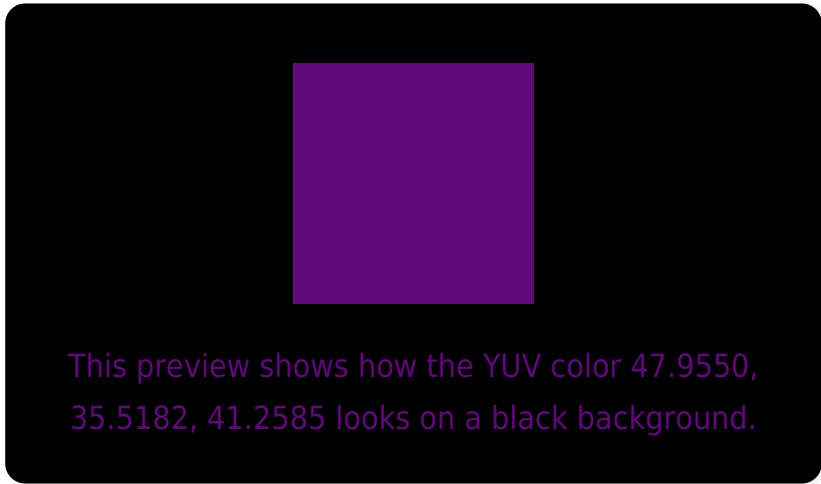
Large Text (above 18pt) WCAG AA ✓ Pass

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

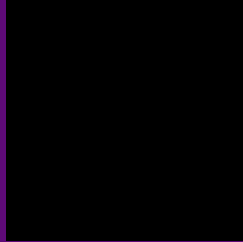
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.9550, 35.5182, 41.2585

Background



This preview shows how black text looks on a background with the YUV color 47.9550, 35.5182, 41.2585.



This preview shows how white text looks on a background with the YUV color 47.9550, 35.5182,

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

47.9550, 35.5182, 41.2585

Protanopia

47.1390, 35.9205, -41.3409

Deuteranopia

47.1900, 28.5003, -41.3856



Tritanopia

59.4050, -4.1437, 22.4468

Trichromacy



Original Color

47.9550, 35.5182, 41.2585

Protanomaly

47.6250, 35.6809, -11.0721

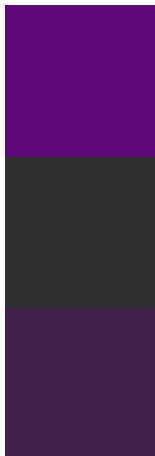
Deuteranomaly

47.6590, 30.7341, -11.1019

Tritanomaly

55.2330, 10.2381, 29.6137

Monochromacy



Original Color

47.9550, 35.5182, 41.2585

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

47.8290, 12.9023, 15.0590

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.9550, 35.5182, 41.2585 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(95, 10, 120)` looks like.

```
.text, #text, p{  
    color:rgb(95, 10, 120)  
}
```

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(95, 10, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 10, 120) }
```

Border

The CSS property to change the border of an element to YUV 47.9550, 35.5182, 41.2585 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(95, 10, 120) }
```


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

```
.border{ border-color:rgb(95, 10, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 10, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 10, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 10, 120);  
box-shadow:4px 4px 4px 4px rgb(95, 10,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 47.9550, 35.5182, 41.2585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 10, 120) }
```

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

```
.background{ background-color: rgb(95, 10,  
120) }
```

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