

Converting Colors

YUV(45.0550, 40.3989, 15.7378)

Have a look what the booklet for
YUV(45.0550, 40.3989, 15.7378)
contains.

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Color

**YUV(45.0550, 40.3989,
15.7378)**

Conversions

Conversions Part 1

Format	Color
Hex	3F147F
RGB	63, 20, 127
RGB Percent	25%, 8%, 50%
CMY	0.7529, 0.9216, 0.5020
CMYK	0.50, 0.84, 0.00, 0.50
HSL	264°, 73%, 29%
HSV	264°, 84%, 50%
XYZ	6.1308, 3.0894, 20.3519
YIQ	45.0550, -8.7190, 42.3930

Conversions

Conversions Part 2

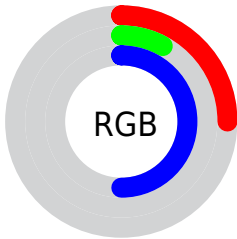
Format	Color
RYB	63, 20, 127
Decimal	4134015
CIELab	20.40, 43.63, -51.60
CIELCh	20, 67.573, 310.220
Yxy	3.0894, 0.2073, 0.1045
Android (android.graphics.Color)	4282324095 (0xFF3F147F)
YUV	45.0550, 40.3989, 15.7378
Hunter-Lab	17.5766, 31.5026, -56.3478

Details

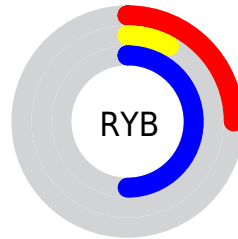
The YUV color **45.0550, 40.3989, 15.7378** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **101.9450, -40.3989, -15.7378**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.0060, 41.4090, 18.4117**, and **10.2730, 32.8964, -4.6244** is the 20% darker color. If you saturate the color by 10%, you get **35.0320, 45.3402, 17.5119**, and if you desaturate by 10%, it is **55.0780, 35.4575, 13.9636**.

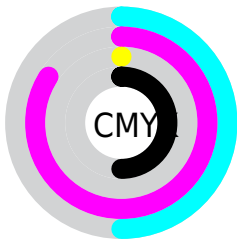
Distribution



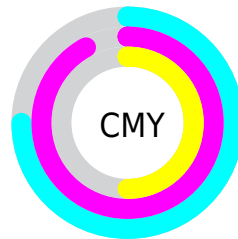
- Red (25%)
- Green (8%)
- Blue (50%)



- Red (25%)
- Yellow (8%)
- Blue (50%)



- Cyan (50%)
- Magenta (84%)
- Yellow (0%)
- Black (50%)



- Cyan (75%)
- Magenta (92%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 45.0550, 40.3989, 15.7378 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 45.0550, 40.3989, 15.7378 by changing the saturation by 10% instead.

■ 45.0550, 40.3989,
15.7378

■ 45.0550, 40.3989,
15.7378

■ 255.0000, 0.0000,
0.0000

■ 21.6800, 39.1048,
10.8046

■ 97.0060, 41.4090,
18.4117

■ 10.2730, 32.8964,
-4.6244

■ 122.9460, 42.4246,
19.3414

■ 7.8030, 22.2821,
-6.8432

■ 149.4840, 43.1454,
21.5005

■ 4.7080, 12.9620,
-4.1289

■ 175.7570, 39.0668,
23.0151


■ 0.1140, 0.4368,
-0.1000


■ 200.2770, 26.9784,
26.9441


■ 0.0000, 0.0000,
0.0000


■ 223.8890, 15.3377,


27.2843


 240.3250, 7.2348,
12.8700


 45.0550, 40.3989,
15.7378


 45.0550, 40.3989,
15.7378


 35.0320, 45.3402,
17.5119


 55.0780, 35.4575,
13.9636

 29.7270, 47.9556,
18.6564

 64.2150, 30.9530,
12.0894

 74.2380, 26.0117,
10.3153

 83.9620, 21.2177,
7.9263

 93.9850, 16.2764,
6.1522

■ 103.4210, 11.6244,
4.8928

■ 113.1450, 6.8305,
2.5038

■ 123.1680, 1.8892,
0.7297

■ 132.3050, -2.6154,
-1.1445

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



45.0550, 40.3989, 15.7378



44.2600, 19.5918, 62.9160

Triad

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



45.0550, 40.3989, 15.7378



45.3840, -22.3743, 36.4972



46.2660, 9.7289, -40.5753

Complementary

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



45.0550, 40.3989, 15.7378



101.9450, -40.3989, -15.7378

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.



39.2950, -14.4424, -34.4617



45.0550, 40.3989, 15.7378



44.8650, -22.1184, 0.9954

Square

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



45.0550, 40.3989, 15.7378



34.6840, -17.0992, 71.3141



35.8070, -17.6529, -31.4027



52.3250, 30.4058, -45.8890

Rectangle

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



45.0550, 40.3989, 15.7378



44.0860, 3.4086, 73.5926



35.8070, -17.6529, -31.4027



44.2140, 1.8665, -38.7757

Sweetspot

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



45.0550, 40.3989, 15.7378



133.8710, 15.8396, 6.2521



69.7660, 28.2164, -43.6448



64.8400, 9.4459, 3.6483



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



45.0550, 40.3989, 15.7378



38.9570, 62.6322, 24.5937



60.9020, 32.5863, 48.3209



58.6950, 2.6154, 1.1445



29.8410, 48.3924, 18.5564



0.0000, 0.0000, 0.0000

Inverse Universe

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



59.2890, 12.1825, 59.3825



60.9200, 18.7734, 92.1552



86.0980, -32.5863, -48.3209



59.5490, 0.7153, 3.9035



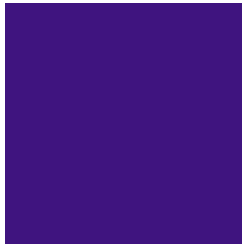
46.9360, 14.3286, 71.0931



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 45.0550, 40.3989, 15.7378 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

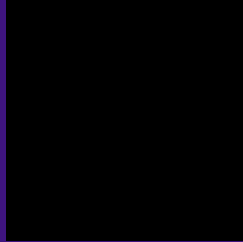
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 45.0550, 40.3989, 15.7378

Background



This preview shows how black text looks on a background with the YUV color 45.0550, 40.3989, 15.7378.



This preview shows how white text looks on a background with the YUV color 45.0550, 40.3989,

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

45.0550, 40.3989, 15.7378

Protanopia

40.5050, 30.8100, -35.5229

Deuteranopia

40.5560, 23.3899, -35.5676



Tritanopia

49.7650, 3.0739, -5.9329

Trichromacy



Original Color

45.0550, 40.3989, 15.7378

Protanomaly

41.9510, 34.5342, -16.6200

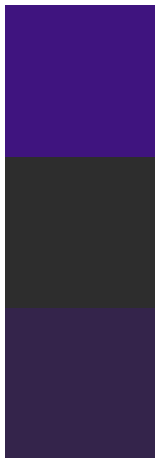
Deuteranomaly

41.9850, 29.5874, -16.6498

Tritanomaly

47.7780, 16.8714, 1.9487

Monochromacy



Original Color

45.0550, 40.3989, 15.7378

Achromatopsia

45.0000, 0.0000, 0.0000

Achromatomaly

45.2300, 14.6766, 5.9373

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.0550, 40.3989, 15.7378 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(63, 20, 127)` looks like.

```
.text, #text, p{  
    color:rgb(63, 20, 127)  
}
```

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(63, 20, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 20, 127) }
```

Border

The CSS property to change the border of an element to YUV 45.0550, 40.3989, 15.7378 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(63, 20, 127) }
```


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

```
.border{ border-color:rgb(63, 20, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 20, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 20, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 20, 127);  
box-shadow:4px 4px 4px 4px rgb(63, 20,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 45.0550, 40.3989, 15.7378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 20, 127) }
```

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

```
.background{ background-color: rgb(63, 20,  
127) }
```

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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