

Converting Colors

YUV(45.0380, 39.4213, 2.5977)

Have a look what the booklet for
YUV(45.0380, 39.4213, 2.5977)
contains.

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Color

**YUV(45.0380, 39.4213,
2.5977)**

Conversions

Conversions Part 1

Format	Color
Hex	301C7D
RGB	48, 28, 125
RGB Percent	19%, 11%, 49%
CMY	0.8118, 0.8902, 0.5098
CMYK	0.62, 0.78, 0.00, 0.51
HSL	252°, 63%, 30%
HSV	252°, 78%, 49%
XYZ	5.3358, 2.9396, 19.6882
YIQ	45.0380, -19.2170, 34.4070

Conversions

Conversions Part 2

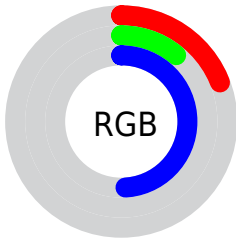
Format	Color
RYB	48, 28, 125
Decimal	3153021
CIELab	19.80, 37.14, -51.37
CIELCh	20, 63.391, 305.866
Yxy	2.9396, 0.1908, 0.1051
Android (android.graphics.Color)	4281343101 (0xFF301C7D)
YUV	45.0380, 39.4213, 2.5977
Hunter-Lab	17.1451, 25.5482, -56.0827

Details

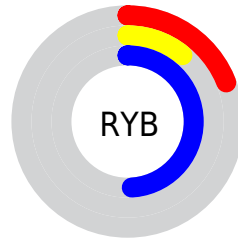
The YUV color **45.0380, 39.4213, 2.5977** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **107.9620, -39.4213, -2.5977**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.9400, 41.4416, 7.9456**, and **8.5500, 32.7599, -7.4984** is the 20% darker color. If you saturate the color by 10%, you get **34.4170, 44.6574, 3.1423**, and if you desaturate by 10%, it is **55.0720, 34.4745, 2.5679**.

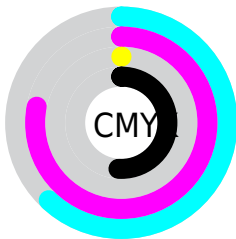
Distribution



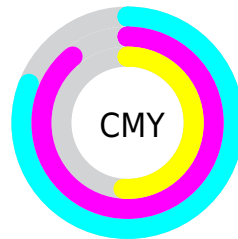
- Red (19%)
- Green (11%)
- Blue (49%)



- Red (19%)
- Yellow (11%)
- Blue (49%)



- Cyan (62%)
- Magenta (78%)
- Yellow (0%)
- Black (51%)



- Cyan (81%)
- Magenta (89%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 45.0380, 39.4213, 2.5977 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 45.0380, 39.4213, 2.5977 by changing the saturation by 10% instead.

■ 45.0380, 39.4213,
2.5977

■ 45.0380, 39.4213,
2.5977

■ 255.0000, 0.0000,
0.0000

■ 17.8090, 40.0272,
-5.0945

■ 94.9400, 41.4416,
7.9456

■ 8.5500, 32.7599,
-7.4984

■ 120.8800, 42.4572,
8.8752

■ 8.1620, 21.1191,
-7.1581

■ 147.1190, 43.3253,
10.4196

■ 4.4800, 12.0884,
-3.9290

■ 173.3320, 40.2623,
12.8638

■ 0.0000, 0.0000,
0.0000

■ 197.8520, 28.1740,
16.7928

■ 222.9590, 15.7962,

20.2070

242.6730, 6.0772,
10.8108

45.0380, 39.4213,
2.5977

45.0380, 39.4213,
2.5977

34.4170, 44.6574,
3.1423

55.0720, 34.4745,
2.5679

24.3830, 49.6042,
3.1721

65.6930, 29.2384,
2.0232

22.0240, 50.7672,
3.4870

75.7270, 24.2916,
1.9934

86.3480, 19.0554,
1.4488

96.3820, 14.1087,
1.4190

■ 107.0030, 8.8725,
0.8744

■ 116.7380, 4.0732,
0.2298

■ 127.3590, -1.1630,
-0.3148

■ 137.3930, -6.1097,
-0.3447

Harmonies

Analogous

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



47.4130, 47.1244, -41.5812



45.0380, 39.4213, 2.5977



41.6120, 22.3763, 56.4683

Triad

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



45.0380, 39.4213, 2.5977



43.6340, -21.5116, 39.7860



43.9520, 5.9397, -38.5459

Complementary

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



45.0380, 39.4213, 2.5977



107.9620, -39.4213, -2.5977

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.



36.5080, -17.5054, -32.0175



45.0380, 39.4213, 2.5977



44.8980, -22.1347, 6.2285

Square

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



45.0380, 39.4213, 2.5977



34.0860, -16.8044, 70.0846



34.6330, -17.0741, -30.3731



49.7830, 25.7430, -43.6597

Rectangle

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



45.0380, 39.4213, 2.5977



42.3780, 7.2086, 68.0745



34.6330, -17.0741, -30.3731



42.1280, -1.0491, -36.9463

Sweetspot

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



45.0380, 39.4213, 2.5977



132.3110, 15.1297, 0.6043



84.8440, 19.7969, -49.8522



62.8180, 9.4567, 0.1596



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



45.0380, 39.4213, 2.5977



37.8960, 61.6763, 4.4762



59.3900, 32.3457, 32.1070



58.3960, 2.7628, 0.5297



22.3660, 52.0776, 3.1870



0.0000, 0.0000, 0.0000

Inverse Universe

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



65.7810, 19.3350, 51.9351



70.2420, 30.4467, 81.3488



93.6100, -32.3457, -32.1070



59.6630, 1.1521, 3.8035



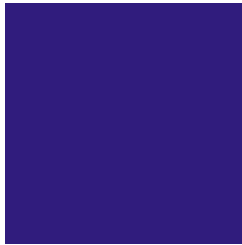
49.7860, 25.2485, 68.5937



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 45.0380, 39.4213, 2.5977 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 45.0380, 39.4213, 2.5977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

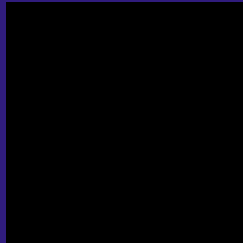
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 45.0380, 39.4213, 2.5977

Background



This preview shows how black text looks on a background with the YUV color 45.0380, 39.4213, 2.5977.



This preview shows how white text looks on a background with the YUV color 45.0380, 39.4213,

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

45.0380, 39.4213, 2.5977

Protanopia

38.8750, 29.6416, -34.0934

Deuteranopia

38.9260, 22.2215, -34.1381



Tritanopia

41.0010, 8.3805, -28.0649

Trichromacy



Original Color

45.0380, 39.4213, 2.5977

Protanomaly

40.8750, 33.0926, -20.9384

Deuteranomaly

41.0230, 28.5827, -21.0682

Tritanomaly

42.6400, 19.4045, -17.2243

Monochromacy



Original Color

45.0380, 39.4213, 2.5977

Achromatopsia

45.0000, 0.0000, 0.0000

Achromatomaly

45.0830, 14.2561, 0.8042

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.0380, 39.4213, 2.5977 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(48, 28, 125)` looks like.

```
.text, #text, p{  
    color:rgb(48, 28, 125)  
}
```

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(48, 28, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 28, 125) }
```

Border

The CSS property to change the border of an element to YUV 45.0380, 39.4213, 2.5977 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(48, 28, 125) }
```


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

```
.border{ border-color:rgb(48, 28, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 28, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 28, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 28, 125);  
box-shadow:4px 4px 4px 4px rgb(48, 28,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 45.0380, 39.4213, 2.5977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 28, 125) }
```

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

```
.background{ background-color: rgb(48, 28,  
125) }
```

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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