

Converting Colors

YUV(45.4290, 19.5085, -3.8842)

Have a look what the booklet for
YUV(45.4290, 19.5085, -3.8842)
contains.

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Color

**YUV(45.4290, 19.5085,
-3.8842)**

Conversions

Conversions Part 1

Format	Color
Hex	292855
RGB	41, 40, 85
RGB Percent	16%, 16%, 33%
CMY	0.8392, 0.8431, 0.6667
CMYK	0.52, 0.53, 0.00, 0.67
HSL	241°, 36%, 25%
HSV	241°, 53%, 33%
XYZ	3.3129, 2.6449, 8.9302
YIQ	45.4290, -13.8490, 14.2070

Conversions

Conversions Part 2

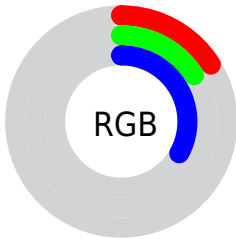
Format	Color
RYB	41, 40, 85
Decimal	2697301
CIELab	18.56, 14.36, -27.31
CIElCh	19, 30.851, 297.733
Yxy	2.6449, 0.2225, 0.1777
Android (android.graphics.Color)	4280887381 (0xFF292855)
YUV	45.4290, 19.5085, -3.8842
Hunter-Lab	16.2631, 7.9017, -21.1726

Details

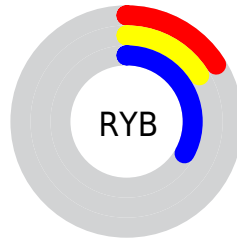
The YUV color **45.4290, 19.5085, -3.8842** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **79.5710, -19.5085, 3.8842**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.1950, 21.1029, -1.9250**, and **4.5600, 17.4719, -3.9991** is the 20% darker color. If you saturate the color by 10%, you get **37.7540, 23.2923, -4.1693**, and if you desaturate by 10%, it is **52.5170, 16.0141, -3.0844**.

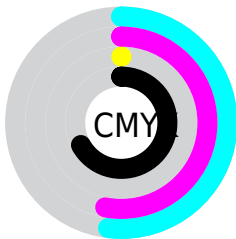
Distribution



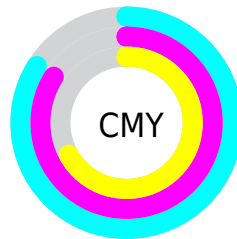
- Red (16%)
- Green (16%)
- Blue (33%)



- Red (16%)
- Yellow (16%)
- Blue (33%)



- Cyan (52%)
- Magenta (53%)
- Yellow (0%)
- Black (67%)



- Cyan (84%)
- Magenta (84%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 45.4290, 19.5085, -3.8842 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 45.4290, 19.5085, -3.8842 by changing the saturation by 10% instead.

■ 45.4290, 19.5085,
-3.8842

■ 45.4290, 19.5085,
-3.8842

■ 255.0000, 0.0000,
0.0000

■ 23.5920, 18.9351,
-6.6582

■ 92.1950, 21.1029,
-1.9250

■ 4.5600, 17.4719,
-3.9991

■ 116.7220, 21.8291,
-1.5102

■ 2.5250, 7.1362,
-2.2144

■ 142.9500, 22.7027,
-1.7101

■ 0.0000, 0.0000,
0.0000

■ 169.3630, 22.9920,
-1.1954

■ 196.8900, 23.7182,
-0.7805

■ 222.8380, 15.8559,

1.0191

247.9450, 3.4781,
4.4332

45.4290, 19.5085,
-3.8842

45.4290, 19.5085,
-3.8842

37.7540, 23.2923,
-4.1693

52.5170, 16.0141,
-3.0844

30.3670, 26.9341,
-5.5839

60.4910, 12.0829,
-2.1846

23.2790, 30.4285,
-6.3837

67.5790, 8.5886,
-1.3848

15.6040, 34.2122,
-6.6687

75.2540, 4.8048,
-1.0998

10.2880, 36.8330,
-7.2686

82.6410, 1.1630,
0.3148

■ 90.3160, -2.6208,
0.5999

■ 97.4040, -6.1152,
1.3997

■ 105.0790, -9.8989,
1.6847

■ 112.4660,
-13.5407, 3.0993

Harmonies

Analogous

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



38.4360, 25.4211, -33.7084



45.4290, 19.5085, -3.8842



45.8190, 11.4282, 21.2067

Triad

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



45.4290, 19.5085, -3.8842



43.0130, -19.7264, 27.1756



37.1870, 2.8658, -32.6130

Complementary

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



45.4290, 19.5085, -3.8842



79.5710, -19.5085, 3.8842

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.



33.9780, -6.8912, -29.7987



45.4290, 19.5085, -3.8842



43.1700, -21.2828, 13.0059

Square

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



45.4290, 19.5085, -3.8842



42.7550, -8.2602, 36.1719



40.1140, -19.7762, -3.6080



39.6950, 12.4754, -34.8125

Rectangle

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



45.4290, 19.5085, -3.8842



44.5770, 5.1385, 31.9430



40.1140, -19.7762, -3.6080



36.2750, -0.6286, -31.8132

Sweetspot

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



45.4290, 19.5085, -3.8842



94.0520, 7.8624, -1.7996



70.9580, 6.9227, -27.1502



46.5530, 4.6574, -0.4850



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



45.4290, 19.5085, -3.8842



47.6920, 30.7178, -5.8689



52.0070, 16.2655, 9.6409



39.4560, 1.7472, -0.3999



12.7960, 46.4426, -9.4681



28.2850, 101.9105, -20.4209

Inverse Universe

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



58.4710, 12.5858, 23.2659



68.0950, 19.6732, 36.7507



72.9930, -16.2655, -9.6409



40.6520, 1.1576, 2.0592



43.9630, 30.0912, 55.2834



96.3710, 65.3861, 121.5776

Previews

White Background



This preview shows how the YUV color 45.4290, 19.5085, -3.8842 looks on a white background.

Color Contrast Check

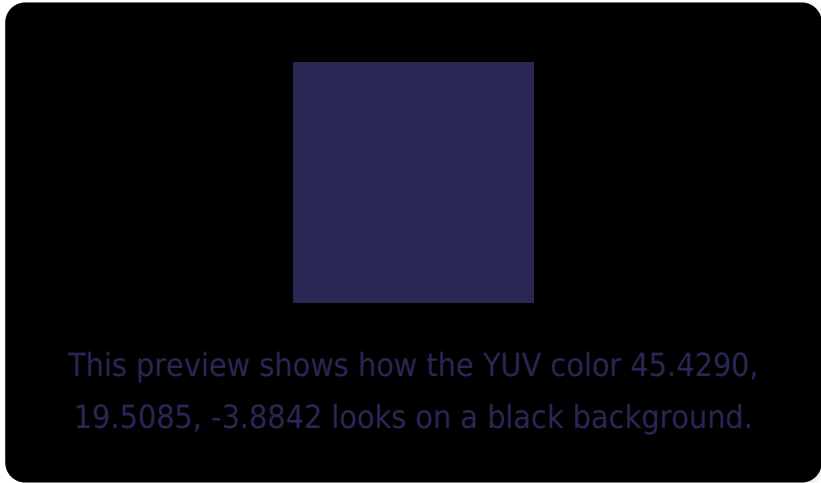
Large Text (above 18pt) WCAG AA ✓ Pass

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

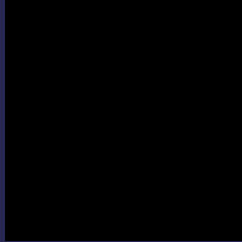
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 45.4290, 19.5085, -3.8842

Background



This preview shows how black text looks on a background with the YUV color 45.4290, 19.5085, -3.8842.



This preview shows how white text looks on a background with the YUV color 45.4290, 19.5085,

-3.8842.

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

45.4290, 19.5085, -3.8842

Protanopia

41.0570, 23.6359, -21.0980

Tritanopia

43.0740, 4.4005, -11.4659

Trichromacy



Original Color

45.4290, 19.5085, -3.8842

Protanomaly

43.0470, 22.1618, -14.9502

Tritanomaly

43.8770, 9.9206, -8.6621

Monochromacy



Original Color

45.4290, 19.5085, -3.8842

Achromatopsia

45.0000, 0.0000, 0.0000

Achromatomaly

45.2370, 7.2782, -1.0848

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.4290, 19.5085, -3.8842 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(41, 40, 85)` looks like.

```
.text, #text, p{  
    color:rgb(41, 40, 85)  
}
```

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(41, 40, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 40, 85) }
```

Border

The CSS property to change the border of an element to YUV 45.4290, 19.5085, -3.8842 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(41, 40, 85) }
```

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

```
.border{ border-color:rgb(41, 40, 85) }
```

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

Here you see how a box with a 4 pixel rgb(41, 40, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 40, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 40, 85);  
box-shadow:4px 4px 4px 4px rgb(41, 40, 85)  
}
```


Background

The CSS property to change the background color of an element to YUV 45.4290, 19.5085, -3.8842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 40, 85) }
```

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

```
.background{ background-color: rgb(41, 40,  
85) }
```

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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