

Converting Colors

YUV(42.9880, 32.0509, 33.3365)

Have a look what the booklet for
YUV(42.9880, 32.0509, 33.3365)
contains.

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Color

**YUV(42.9880, 32.0509,
33.3365)**

Conversions

Conversions Part 1

Format	Color
Hex	510B6C
RGB	81, 11, 108
RGB Percent	32%, 4%, 42%
CMY	0.6824, 0.9569, 0.5765
CMYK	0.25, 0.90, 0.00, 0.58
HSL	283°, 82%, 23%
HSV	283°, 90%, 42%
XYZ	6.2198, 3.0714, 14.4524
YIQ	42.9880, 10.5830, 45.0070

Conversions

Conversions Part 2

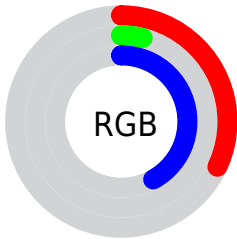
Format	Color
RYB	81, 11, 108
Decimal	5311340
CIELab	20.33, 44.90, -39.39
CIElCh	20, 59.730, 318.744
Yxy	3.0714, 0.2620, 0.1294
Android (android.graphics.Color)	4283501420 (0xFF510B6C)
YUV	42.9880, 32.0509, 33.3365
Hunter-Lab	17.5254, 32.6806, -36.6260

Details

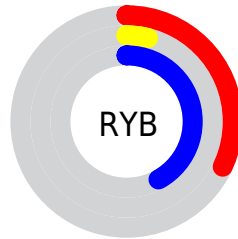
The YUV color **42.9880, 32.0509, 33.3365** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **76.0120, -32.0509, -33.3365**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.0480, 31.0353, 32.4069**, and **17.0060, 21.1960, 14.9037** is the 20% darker color. If you saturate the color by 10%, you get **35.6340, 35.6764, 37.1550**, and if you desaturate by 10%, it is **50.3420, 28.4254, 29.5181**.

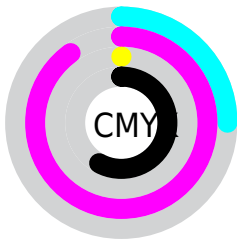
Distribution



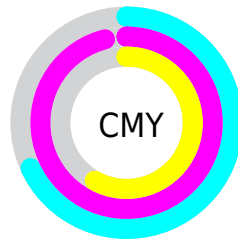
- Red (32%)
- Green (4%)
- Blue (42%)



- Red (32%)
- Yellow (4%)
- Blue (42%)



- Cyan (25%)
- Magenta (90%)
- Yellow (0%)
- Black (58%)



- Cyan (68%)
- Magenta (96%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.9880, 32.0509, 33.3365 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 42.9880, 32.0509, 33.3365 by changing the saturation by 10% instead.

42.9880, 32.0509,
33.3365

42.9880, 32.0509,
33.3365

255.0000, 0.0000,
0.0000

25.9070, 28.1468,
25.5146

97.0480, 31.0353,
32.4069

17.0060, 21.1960,
14.9037

122.9880, 32.0509,
33.3365

4.2180, 16.1615,
-3.6992

149.8140, 32.6297,
34.3661

2.0690, 5.3890,
-1.8145

176.9390, 33.0611,
36.0105


0.0000, 0.0000,
0.0000


203.3000, 25.4881,
38.3249


222.1280, 16.2059,


28.8287


 238.5640, 8.1029,
14.4144


 42.9880, 32.0509,
33.3365


 42.9880, 32.0509,
33.3365


 35.6340, 35.6764,
37.1550

 50.3420, 28.4254,
29.5181

 57.6960, 24.7999,
25.6996

 64.4630, 21.4637,
22.3959

 71.8170, 17.8382,
18.5775

 79.1710, 14.2127,
14.7590

■ 86.5250, 10.5872,
10.9406

■ 93.8790, 6.9617,
7.1221

■ 100.6460, 3.6255,
3.8185

■ 108.0000, 0.0000,
0.0000

Harmonies

Analogous

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



42.2780, 45.2189, -37.0778



42.9880, 32.0509, 33.3365



42.0230, 12.3137, 64.0008

Triad

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



42.9880, 32.0509, 33.3365



46.4920, -22.9206, 25.0015



46.8190, 14.3862, -41.0603

Complementary

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



42.9880, 32.0509, 33.3365



76.0120, -32.0509, -33.3365

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.



40.9880, -5.4171, -35.9465



42.9880, 32.0509, 33.3365



42.7500, -21.0757, -6.7968

Square

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



42.9880, 32.0509, 33.3365



35.2050, -17.3561, 60.3332



35.8070, -17.6529, -31.4027



51.3790, 31.8582, -45.0594

Rectangle

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



42.9880, 32.0509, 33.3365



40.3260, -0.6537, 69.8741



35.8070, -17.6529, -31.4027



45.1090, 7.8343, -39.5606

Sweetspot

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



42.9880, 32.0509, 33.3365



114.7040, 12.4709, 13.4146



37.9070, 34.5558, -23.5974



56.2920, 7.2510, 7.6369



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



42.9880, 32.0509, 33.3365



46.1590, 46.2636, 48.0956



48.6670, 18.8982, 52.0350



49.8800, 2.0312, 1.8592



38.7530, 38.5758, 40.5586



80.8530, 80.9245, 84.3209

Inverse Universe

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



43.0810, -2.5049, 56.9340



46.3060, -3.6019, 82.1696



70.3330, -18.8982, -52.0350



50.0220, -0.0108, 3.4887



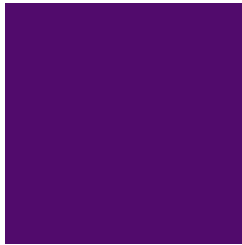
38.7450, -2.8323, 68.6296



81.0070, -6.4125, 143.8219

Previews

White Background



This preview shows how the YUV color 42.9880, 32.0509, 33.3365 looks on a white background.

Color Contrast Check

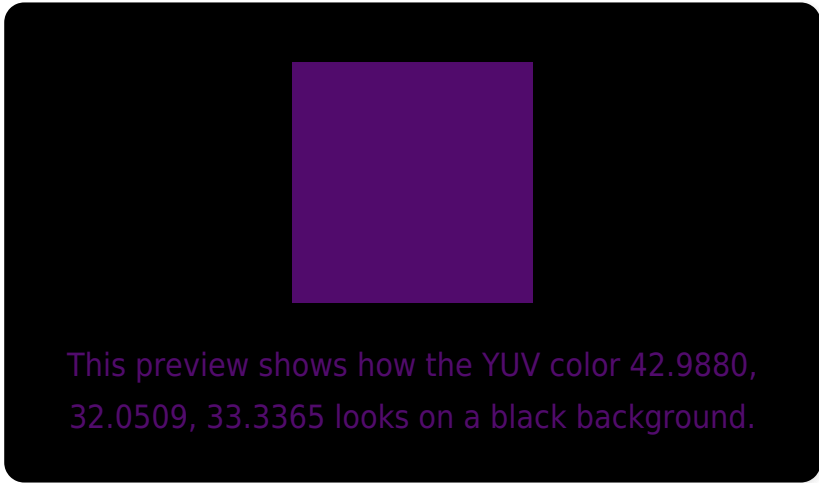
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.9880, 32.0509, 33.3365

Background



This preview shows how black text looks on a background with the YUV color 42.9880, 32.0509, 33.3365.



This preview shows how white text looks on a background with the YUV color 42.9880, 32.0509,

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

42.9880, 32.0509, 33.3365

Protanopia

41.2060, 30.9574, -36.1377

Tritanopia

51.7140, -2.8170, 16.9138

Trichromacy



Original Color

42.9880, 32.0509, 33.3365

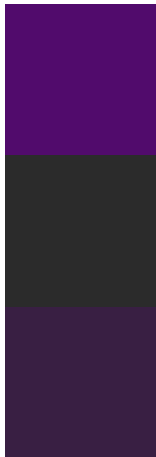
Protanomaly

41.7730, 31.1709, -11.2019

Tritanomaly

48.4880, 10.1124, 23.2510

Monochromacy



Original Color

42.9880, 32.0509, 33.3365

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

42.8780, 11.8921, 12.3850

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.9880, 32.0509, 33.3365 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(81, 11, 108)` looks like.

```
.text, #text, p{  
    color:rgb(81, 11, 108)  
}
```

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(81, 11, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 11, 108) }
```

Border

The CSS property to change the border of an element to YUV 42.9880, 32.0509, 33.3365 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(81, 11, 108) }
```

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

```
.border{ border-color:rgb(81, 11, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 11, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 11, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 11, 108);  
box-shadow:4px 4px 4px 4px rgb(81, 11,  
108) }
```


Background

The CSS property to change the background color of an element to YUV 42.9880, 32.0509, 33.3365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 11, 108) }
```

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

```
.background{ background-color: rgb(81, 11,  
108) }
```

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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