

Converting Colors

YUV(42.0430, 45.3348, 19.2563)

Have a look what the booklet for
YUV(42.0430, 45.3348, 19.2563)
contains.

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Color

**YUV(42.0430, 45.3348,
19.2563)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 400D86 |
| RGB | 64, 13, 134 |
| RGB Percent | 25%, 5%, 53% |
| CMY | 0.7490, 0.9490, 0.4745 |
| CMYK | 0.52, 0.90, 0.00, 0.47 |
| HSL | 265°, 82%, 29% |
| HSV | 265°, 90%, 53% |
| XYZ | 6.5614, 3.0991, 22.8066 |
| YIQ | 42.0430, -8.4450, 48.4430 |

Conversions

Conversions Part 2

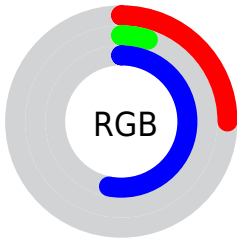
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 64, 13, 134 |
| Decimal | 4197766 |
| CIE Lab | 20.44, 48.06, -55.96 |
| CIE LCh | 20, 73.760, 310.658 |
| Yxy | 3.0991, 0.2021, 0.0955 |
| Android (android.graphics.Color) | 4282387846 (0xFF400D86) |
| YUV | 42.0430, 45.3348, 19.2563 |
| Hunter-Lab | 17.6042, 35.7225, -64.4887 |




Details

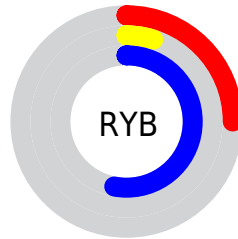
The YUV color **42.0430, 45.3348, 19.2563** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **104.9570, -45.3348, -19.2563**, and the grayscale version is **42.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **96.0540, 45.3294, 21.0006**, and **9.4620, 36.2542, -8.2982** is the 20% darker color. If you saturate the color by 10%, you get **32.0200, 50.2761, 21.0305**, and if you desaturate by 10%, it is **52.0660, 40.3935, 17.4821**.

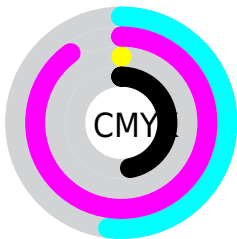
Distribution







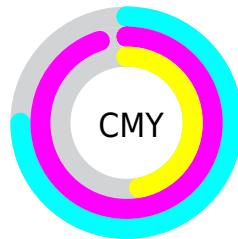
-  Red (25%)
-  Green (5%)
-  Blue (53%)






-  Red (25%)
-  Yellow (5%)
-  Blue (53%)



-  Cyan (52%)
-  Magenta (90%)
-  Yellow (0%)
-  Black (47%)



-  Cyan (75%)
-  Magenta (95%)
-  Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.0430, 45.3348, 19.2563 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 42.0430, 45.3348, 19.2563 by changing the saturation by 10% instead.

■ 42.0430, 45.3348,
19.2563

■ 42.0430, 45.3348,
19.2563

■ 255.0000, 0.0000,
0.0000

■ 22.1790, 42.3098,
9.4900

■ 96.0540, 45.3294,
21.0006

■ 9.4620, 36.2542,
-8.2982

■ 122.4070, 46.6343,
22.4451

■ 6.7260, 25.7711,
-5.8987

■ 149.5320, 47.0657,
24.0894

■ 5.2780, 15.1459,
-4.6288

■ 174.3060, 39.7821,
26.9186

■ 1.3680, 5.2416,
-1.1997


■ 199.7120, 27.2570,
30.9476


■ 0.0000, 0.0000,
0.0000


■ 221.5410, 16.4953,


29.3435


 238.5640, 8.1029,
14.4144

 42.0430, 45.3348,
19.2563


 42.0430, 45.3348,
19.2563


 32.0200, 50.2761,
21.0305

 52.0660, 40.3935,
17.4821

 62.6760, 35.1627,
15.1931

 72.4000, 30.3688,
12.8042

 83.0100, 25.1381,
10.5152

 93.0330, 20.1967,
8.7411

■ 103.0560, 15.2554,
6.9669

■ 113.3670, 10.1721,
4.0631

■ 123.3900, 5.2307,
2.2890

■ 134.0000, 0.0000,
0.0000

Harmonies

Analogous

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



49.3510, 54.5500, -43.2808



42.0430, 45.3348, 19.2563



46.2820, 19.5810, 66.4047

Triad

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



42.0430, 45.3348, 19.2563



45.3950, -22.3797, 38.2416



47.6680, 10.0237, -41.8048

Complementary

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



42.0430, 45.3348, 19.2563



104.9570, -45.3348, -19.2563

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.



39.4260, -16.4790, -34.5766



42.0430, 45.3348, 19.2563



44.8540, -22.1130, -0.7490

Square

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



42.0430, 45.3348, 19.2563



36.1790, -17.8362, 74.3880



36.3940, -17.9422, -31.9175



53.7100, 33.1740, -47.1037

Rectangle

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



42.0430, 45.3348, 19.2563



45.8800, 2.5242, 77.2812



36.3940, -17.9422, -31.9175



44.9150, 2.0139, -39.3905

Sweetspot

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



42.0430, 45.3348, 19.2563



137.9250, 17.2920, 7.0818



68.4710, 32.3058, -48.6481



65.7800, 10.4615, 4.5779



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



42.0430, 45.3348, 19.2563



41.5490, 64.8053, 27.5825



59.9830, 36.4904, 56.1429



61.2820, 2.3260, 0.6297



31.2650, 48.6764, 20.8156



0.6410, 1.1630, 0.3148

Inverse Universe

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



57.1590, 12.7396, 67.3896



63.1270, 18.1784, 96.3586



87.0170, -36.4904, -56.1429



62.2500, 0.8628, 3.2888



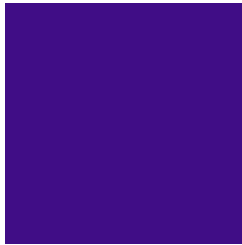
47.4200, 13.5969, 72.4227



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 42.0430, 45.3348, 19.2563 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

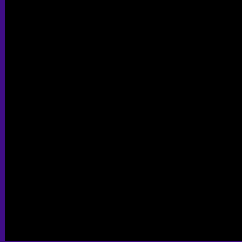
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.0430, 45.3348, 19.2563

Background



This preview shows how black text looks on a background with the YUV color 42.0430, 45.3348, 19.2563.



This preview shows how white text looks on a background with the YUV color 42.0430, 45.3348,

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

42.0430, 45.3348, 19.2563

Protanopia

40.6190, 31.2468, -35.6229

Deuteranopia

41.2570, 23.5373, -36.1824



Tritanopia

49.5690, 3.6635, -8.3920

Trichromacy



Original Color

42.0430, 45.3348, 19.2563

Protanomaly

41.1190, 36.4233, -15.8904

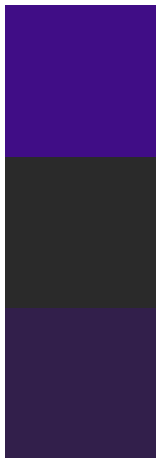
Deuteranomaly

41.1530, 31.4766, -15.9202

Tritanomaly

46.6470, 18.9080, 2.0636

Monochromacy



Original Color

42.0430, 45.3348, 19.2563

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

41.6970, 16.4184, 7.2817

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.0430, 45.3348, 19.2563 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(64, 13, 134)` looks like.

```
.text, #text, p{  
    color:rgb(64, 13, 134)  
}
```

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(64, 13, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 13, 134) }
```

Border

The CSS property to change the border of an element to YUV 42.0430, 45.3348, 19.2563 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(64, 13, 134) }
```


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

```
.border{ border-color:rgb(64, 13, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 13, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 13, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 13, 134);  
box-shadow:4px 4px 4px 4px rgb(64, 13,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 42.0430, 45.3348, 19.2563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 13, 134) }
```

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

```
.background{ background-color: rgb(64, 13,  
134) }
```

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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