

Converting Colors

YUV(50.3280, 46.1803,
-18.7047)

Have a look what the booklet for
YUV(50.3280, 46.1803, -18.7047)
contains.

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Color

**YUV(50.3280, 46.1803,
-18.7047)**

Conversions

Conversions Part 1

Format	Color
Hex	1D2B90
RGB	29, 43, 144
RGB Percent	11%, 17%, 56%
CMY	0.8863, 0.8314, 0.4353
CMYK	0.80, 0.70, 0.00, 0.44
HSL	233°, 66%, 34%
HSV	233°, 80%, 56%
XYZ	6.4046, 4.0026, 26.8206
YIQ	50.3280, -40.7650, 28.4430

Conversions

Conversions Part 2

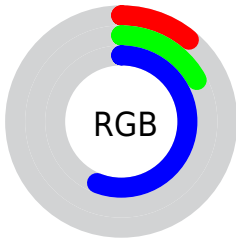
Format	Color
R_{YB}	29, 41, 144
Decimal	1911696
CIE _{Lab}	23.68, 32.43, -56.96
CIE _{LCh}	24, 65.543, 299.656
Yxy	4.0026, 0.1720, 0.1075
Android (android.graphics.Color)	4280101776 (0xFF1D2B90)
YUV	50.3280, 46.1803, -18.7047
Hunter-Lab	20.0065, 22.1314, -65.4794

Details

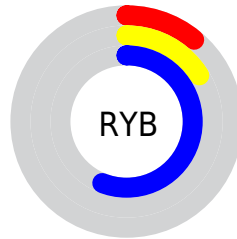
The YUV color **50.3280, 46.1803, -18.7047** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **122.6720, -46.1803, 18.7047**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.0350, 47.3107, -7.9237**, and **10.4880, 40.1854, -9.1980** is the 20% darker color. If you saturate the color by 10%, you get **38.5110, 52.0061, -20.6191**, and if you desaturate by 10%, it is **62.1450, 40.3545, -16.7902**.

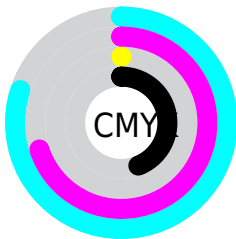
Distribution



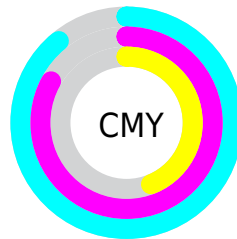
- Red (11%)
- Green (17%)
- Blue (56%)



- Red (11%)
- Yellow (16%)
- Blue (56%)



- Cyan (80%)
- Magenta (70%)
- Yellow (0%)
- Black (44%)



- Cyan (89%)
- Magenta (83%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.3280, 46.1803, -18.7047 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 50.3280, 46.1803, -18.7047 by changing the saturation by 10% instead.

■ 50.3280, 46.1803,
-18.7047

■ 50.3280, 46.1803,
-18.7047

■ 255.0000, 0.0000,
0.0000

■ 26.3660, 45.1756,
-23.1230

■ 103.0350, 47.3107,
-7.9237

■ 10.4880, 40.1854,
-9.1980

■ 128.9860, 48.3209,
-5.2497

■ 9.5130, 28.8341,
-8.3429

■ 156.1110, 48.7523,
-3.6053

■ 6.8910, 18.7877,
-6.0434

■ 180.0440, 36.9533,
0.8384

■ 3.2090, 9.7570,
-2.8143

■ 205.1510, 24.5756,
4.2526

■ 0.0000, 0.0000,
0.0000

■ 230.2580, 12.1978,

7.6667

251.4780, 1.7363,
3.0888

50.3280, 46.1803,
-18.7047

50.3280, 46.1803,
-18.7047

38.5110, 52.0061,
-20.6191

62.1450, 40.3545,
-16.7902

26.9820, 57.6899,
-23.6632

73.6740, 34.6707,
-13.7461

85.4910, 28.8449,
-11.8316

97.6070, 22.8717,
-9.3023

108.8370, 17.3354,
-6.8730

■ 120.6540, 11.5096,
-4.9586

■ 132.7700, 5.5364,
-2.4293

■ 144.0000, 0.0000,
0.0000

■ 156.1160, -5.9732,
2.5293

Harmonies

Analogous

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



55.5800, 50.4931, -48.7437



50.3280, 46.1803, -18.7047



45.3870, 30.3752, 57.5426

Triad

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



50.3280, 46.1803, -18.7047



49.0160, -24.1649, 50.8520



49.7080, 2.6090, -43.5939

Complementary

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



50.3280, 46.1803, -18.7047



122.6720, -46.1803, 18.7047

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.



42.2640, -20.8362, -37.0655



50.3280, 46.1803, -18.7047



53.5140, -26.3824, 15.3352

Square

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



50.3280, 46.1803, -18.7047



40.3090, -14.9423, 79.5360



43.2160, -21.3055, -26.4994



55.9950, 24.1595, -49.1076

Rectangle

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



50.3280, 46.1803, -18.7047



47.8330, 13.8863, 72.9375



43.2160, -21.3055, -26.4994



47.0690, -4.9640, -41.2795

Sweetspot

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



50.3280, 46.1803, -18.7047



149.6520, 17.9196, -7.5878



107.9050, 10.3998, -69.1997



71.8390, 10.9254, -4.2438



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



50.3280, 46.1803, -18.7047



40.3200, 71.8202, -29.2216



54.6680, 44.0407, 14.3232



65.3850, 2.7682, -1.2146



24.7820, 54.3375, -21.7338



1.4990, 3.2050, -1.3146

Inverse Universe

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



64.9810, -10.8366, 69.2997



63.0290, -16.7763, 107.8456



118.3320, -44.0407, -14.3232



66.2070, -0.5951, 4.2035



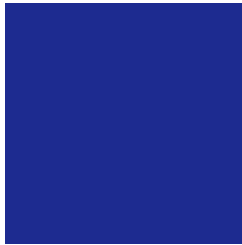
42.1890, -12.9112, 81.3952



2.5060, -0.7425, 4.8182

Previews

White Background



This preview shows how the YUV color 50.3280, 46.1803, -18.7047 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 50.3280, 46.1803, -18.7047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

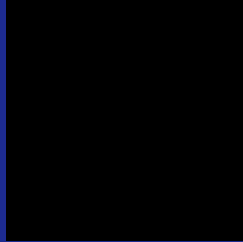
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 50.3280, 46.1803, -18.7047

Background



This preview shows how black text looks on a background with the YUV color 50.3280, 46.1803, -18.7047.



This preview shows how white text looks on a background with the YUV color 50.3280, 46.1803, -18.7047.

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

50.3280, 46.1803, -18.7047

Protanopia

45.3950, 34.3153, -39.8114

Deuteranopia

45.2180, 26.0215, -39.6562



Tritanopia

44.6190, 11.0338, -39.1309

Trichromacy



Original Color

50.3280, 46.1803, -18.7047

Protanomaly

47.5900, 38.6561, -32.0894

Deuteranomaly

47.5100, 33.2726, -32.0193

Tritanomaly

46.9910, 23.6684, -31.5641

Monochromacy



Original Color

50.3280, 46.1803, -18.7047

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

49.7230, 16.8986, -6.7731

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.3280, 46.1803, -18.7047 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(29, 43, 144)` looks like.

```
.text, #text, p{  
    color:rgb(29, 43, 144)  
}
```

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(29, 43, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 43, 144) }
```

Border

The CSS property to change the border of an element to YUV 50.3280, 46.1803, -18.7047 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(29, 43, 144) }
```


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

```
.border{ border-color:rgb(29, 43, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 43, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 43, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 43, 144);  
box-shadow:4px 4px 4px 4px rgb(29, 43,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 50.3280, 46.1803, -18.7047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 43, 144) }
```

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

```
.background{ background-color: rgb(29, 43,  
144) }
```

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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