

Converting Colors

YUV(46.8150, -23.0798,
-17.3778)

Have a look what the booklet for
YUV(46.8150, -23.0798, -17.3778)
contains.

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Color

**YUV(46.8150, -23.0798,
-17.3778)**

Conversions

Conversions Part 1

Format	Color
Hex	1B4200
RGB	27, 66, 0
RGB Percent	11%, 26%, 0%
CMY	0.8941, 0.7412, 1.0000
CMYK	0.59, 0.00, 1.00, 0.74
HSL	95°, 100%, 13%
HSV	95°, 100%, 26%
XYZ	2.4002, 4.1294, 0.6706
YIQ	46.8150, -2.0580, -28.7940

Conversions

Conversions Part 2

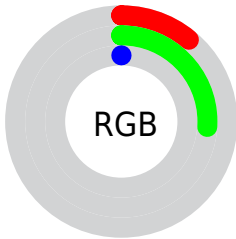
Format	Color
RYB	0, 66, 39
Decimal	1786368
CIELab	24.09, -26.13, 31.95
CIELCh	24, 41.276, 129.277
Yxy	4.1294, 0.3334, 0.5735
Android (android.graphics.Color)	4279976448 (0xFF1B4200)
YUV	46.8150, -23.0798, -17.3778
Hunter-Lab	20.3210, -14.4783, 12.2683

Details

The YUV color **46.8150, -23.0798, -17.3778** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **19.1850, 23.0798, 17.3778**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.1140, -23.2272, -16.7630**, and **13.5010, -6.6560, -11.8404** is the 20% darker color. If you saturate the color by 10%, you get **46.8150, -23.0798, -17.3778**, and if you desaturate by 10%, it is **48.8090, -20.6118, -15.6185**.

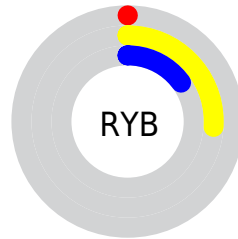
Distribution



Red (11%)

Green (26%)

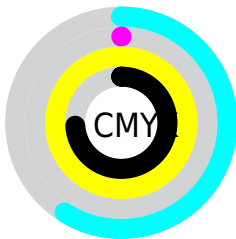
Blue (0%)



Red (0%)

Yellow (26%)

Blue (15%)

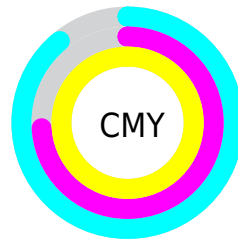


Cyan (59%)

Magenta (0%)

Yellow (100%)

Black (74%)



Cyan (89%)

Magenta (74%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.8150, -23.0798, -17.3778 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 46.8150, -23.0798, -17.3778 by changing the saturation by 10% instead.

■ 46.8150, -23.0798,
-17.3778

■ 46.8150, -23.0798,
-17.3778

■ 252.2640,
-10.4832, 2.3995

■ 25.8390, -12.7386,
-20.9068

■ 95.1140, -23.2272,
-16.7630

■ 13.5010, -6.6560,
-11.8404

■ 120.5870,
-23.9534, -17.1778

■ 0.0000, 0.0000,
0.0000


■ 147.0600,
-24.6796, -17.5926


■ 173.8320,
-25.5532, -17.3927


■ 201.3050,
-26.2794, -17.8075


■ 229.7780,


-27.0056, -18.2223


 243.9890,
-20.2076, -5.2524


 46.8150, -23.0798,
-17.3778

 48.8090, -20.6118,
-15.6185

 50.6890, -18.5807,
-13.7593

 52.6830, -16.1127,
-12.0000

 54.5630, -14.0816,
-10.1408

 56.5570, -11.6136,
-8.3815

■ 58.2520, -8.9982,
-7.2370

■ 60.1320, -6.9671,
-5.3778

■ 62.1260, -4.4991,
-3.6185

■ 64.0060, -2.4680,
-1.7593

Harmonies

Analogous

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



53.4700, -26.3607, 8.3578



46.8150, -23.0798, -17.3778



44.9660, -5.4062, -39.4352

Triad

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



46.8150, -23.0798, -17.3778



52.5530, 31.2794, -46.0890



50.5150, -0.7469, 53.0453

Complementary

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



46.8150, -23.0798, -17.3778



19.1850, 23.0798, 17.3778

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.



55.1680, 12.2422, 40.1947



46.8150, -23.0798, -17.3778



47.6120, 35.1943, -41.7557

Square

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



46.8150, -23.0798, -17.3778



52.0340, 21.6752, -45.6338



58.8420, 23.2489, 9.7856



52.6440, -16.5865, 46.7932

Rectangle

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



46.8150, -23.0798, -17.3778



48.0610, 3.9139, -42.1495



58.8420, 23.2489, 9.7856



51.3560, 3.7685, 51.4308

Sweetspot

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



46.8150, -23.0798, -17.3778



79.2520, -8.9982, -7.2370



42.6270, -21.0151, 20.4981



38.5990, -5.2253, -4.0333



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



46.8150, -23.0798, -17.3778



61.5340, -30.3363, -23.2703



39.3120, -16.9158, -34.4766



32.0600, -1.0156, -0.9296



68.8990, -33.9672, -25.3444



158.9960, -78.3850, -58.7555

Inverse Universe

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



19.1850, 23.0798, 17.3778



25.1670, 30.4837, 22.6555



26.6880, 16.9158, 34.4766



30.9400, 1.0156, 0.9296



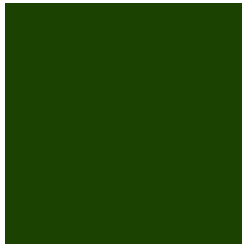
28.1010, 33.9672, 25.3444



65.3030, 78.2376, 59.3703

Previews

White Background



This preview shows how the YUV color 46.8150, -23.0798, -17.3778 looks on a white background.

Color Contrast Check

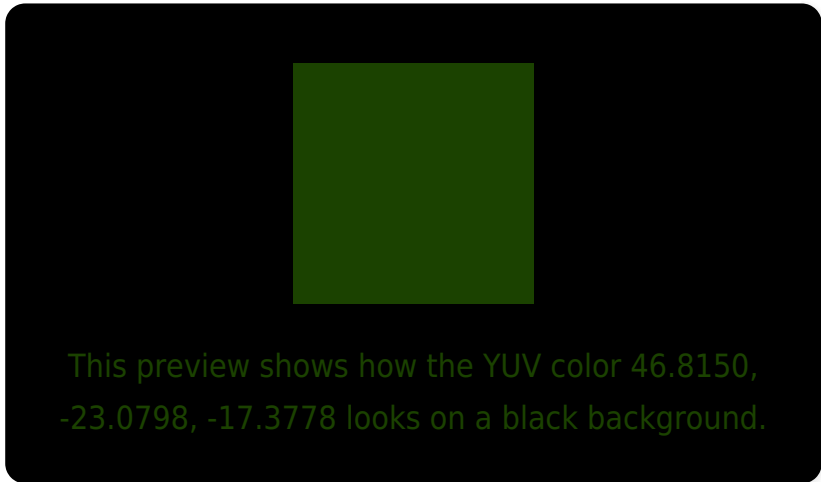
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.8150, -23.0798, -17.3778

Background



This preview shows how black text looks on a background with the YUV color 46.8150, -23.0798, -17.3778.



This preview shows how white text looks on a background with the YUV color 46.8150, -23.0798, -17.3778.

-17.3778.

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



Protanopia

53.4810, -26.3661, 10.1022

Deuteranopia

55.4090, -20.4146, 14.5503

Tritanopia

54.6930, 5.5744, -14.6398

Trichromacy



Protanomaly

51.0560, -25.1706, -0.0491

Deuteranomaly

52.4030, -21.3977, 3.1546

Tritanomaly

51.9350, -4.8980, -15.7290

Monochromacy



Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.0780, -8.4195, -6.2074

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.8150, -23.0798, -17.3778 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(27, 66, 0)` looks like.

```
.text, #text, p{  
    color:rgb(27, 66, 0)  
}
```

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(27, 66, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 66, 0) }
```

Border

The CSS property to change the border of an element to YUV 46.8150, -23.0798, -17.3778 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(27, 66, 0) }
```

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

```
.border{ border-color:rgb(27, 66, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 66, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 66, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(27, 66, 0); box-shadow:4px  
4px 4px 4px rgb(27, 66, 0) }
```


Background

The CSS property to change the background color of an element to YUV 46.8150, -23.0798, -17.3778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 66, 0) }
```

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

```
.background{ background-color: rgb(27, 66,  
0) }
```

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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