

Converting Colors

YUV(48.1980, -23.7616,
14.7354)

Have a look what the booklet for
YUV(48.1980, -23.7616, 14.7354)
contains.

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Color

**YUV(48.1980, -23.7616,
14.7354)**

Conversions

Conversions Part 1

Format	Color
Hex	413100
RGB	65, 49, 0
RGB Percent	25%, 19%, 0%
CMY	0.7451, 0.8078, 1.0000
CMYK	0.00, 0.25, 1.00, 0.75
HSL	45°, 100%, 13%
HSV	45°, 100%, 25%
XYZ	3.2783, 3.3204, 0.4681
YIQ	48.1980, 25.2650, -11.8470

Conversions

Conversions Part 2

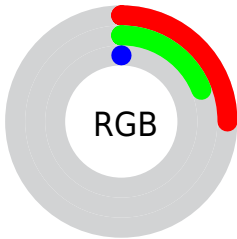
Format	Color
RYB	21, 65, 0
Decimal	4272384
CIELab	21.28, 2.05, 30.00
CIELCh	21, 30.071, 86.092
Yxy	3.3204, 0.4639, 0.4699
Android (android.graphics.Color)	4282462464 (0xFF413100)
YUV	48.1980, -23.7616, 14.7354
Hunter-Lab	18.2221, 0.2248, 11.2323

Details

The YUV color **48.1980, -23.7616, 14.7354** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **16.8020, 23.7616, -14.7354**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.8070, -24.0619, 17.7093**, and **5.3490, -2.6371, 5.8329** is the 20% darker color. If you saturate the color by 10%, you get **48.1980, -23.7616, 14.7354**, and if you desaturate by 10%, it is **50.0560, -21.7196, 13.1059**.

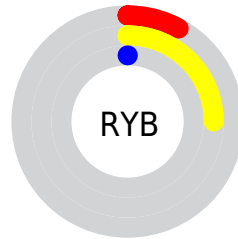
Distribution



Red (25%)

Green (19%)

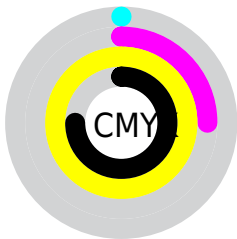
Blue (0%)



Red (8%)

Yellow (25%)

Blue (0%)

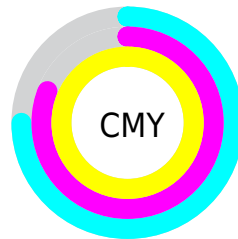


Cyan (0%)

Magenta (25%)

Yellow (100%)

Black (75%)



Cyan (75%)


Magenta (81%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 48.1980, -23.7616, 14.7354 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 48.1980, -23.7616, 14.7354 by changing the saturation by 10% instead.


 48.1980, -23.7616,
14.7354


 48.1980, -23.7616,
14.7354

 251.9220,
-11.7935, 2.6994


 28.6950, -14.1466,
10.7915


 95.8070, -24.0619,
17.7093


 5.3490, -2.6371,
5.8329

 120.4050,
-24.3567, 18.9388

 0.0000, 0.0000,
0.0000

 146.4760,
-25.3777, 19.7535


 173.5470,
-26.3987, 20.5683


 201.0310,
-27.1303, 21.8978


 229.2160,


-27.7145, 22.6126


 248.7300,
-24.0239, 5.4988


 48.1980, -23.7616,
14.7354

 50.0560, -21.7196,
13.1059

 51.4410, -18.9514,
11.8912

 53.4130, -16.4726,
10.1618

 54.6840, -14.1412,
9.0471

 56.6560, -11.6624,
7.3177

■ 58.5140, -9.6204,
5.6882

■ 59.7850, -7.2890,
4.5736

■ 61.7570, -4.8102,
2.8441

■ 63.1420, -2.0420,
1.6295

Harmonies

Analogous

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



49.2950, -17.4004, 27.8053



48.1980, -23.7616, 14.7354



46.4130, -19.9236, -2.9932

Triad

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



48.1980, -23.7616, 14.7354



43.7870, 12.9230, -38.4012



52.8080, 11.4337, 19.4624

Complementary

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



48.1980, -23.7616, 14.7354



16.8020, 23.7616, -14.7354

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.



51.1300, 19.6559, -4.4990



48.1980, -23.7616, 14.7354



44.6650, 21.3642, -39.1712

Square

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



48.1980, -23.7616, 14.7354



41.1650, 2.8767, -36.1017



43.1150, 25.5793, -37.8119



50.4910, 2.2229, 33.7724

Rectangle

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



48.1980, -23.7616, 14.7354



43.5730, -12.6075, -16.2885



43.1150, 25.5793, -37.8119



52.8610, 14.3655, 12.3999

Sweetspot

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



48.1980, -23.7616, 14.7354



77.6280, -9.1836, 5.5882



21.2590, -2.5927, 38.3609



39.5290, -5.6838, 3.0441



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.



48.1980, -23.7616, 14.7354



62.0970, -30.6138, 19.2089



52.8060, -26.0334, -3.3379



32.0710, -1.0210, 0.8147



71.8540, -35.4240, 22.0530



166.1790, -81.9262, 50.7090

Inverse Universe

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



16.8020, 23.7616, -14.7354



21.9030, 30.6138, -19.2089



12.1940, 26.0334, 3.3379



30.9290, 1.0210, -0.8147



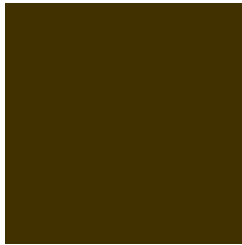
25.1460, 35.4240, -22.0530



57.8210, 81.9262, -50.7090

Previews

White Background



This preview shows how the YUV color 48.1980, -23.7616, 14.7354 looks on a white background.

Color Contrast Check

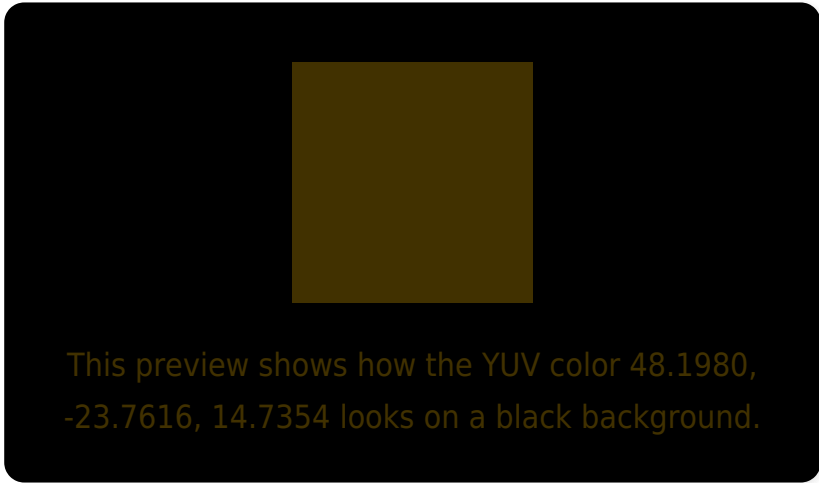
Large Text (above 18pt) WCAG AA ✓ Pass

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

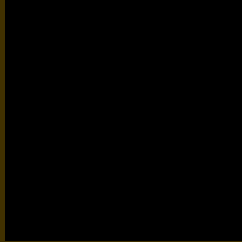
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 48.1980, -23.7616, 14.7354

Background



This preview shows how black text looks on a background with the YUV color 48.1980, -23.7616, 14.7354.

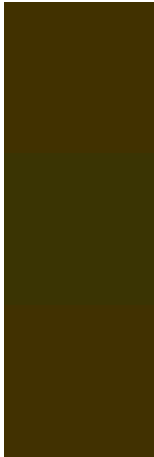


This preview shows how white text looks on a background with the YUV color 48.1980, -23.7616,

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

48.1980, -23.7616, 14.7354

Protanopia

48.2080, -22.2875, 8.5876

Deuteranopia

48.3120, -23.3248, 14.6354



Tritanopia

52.6210, -1.7852, 12.6104

Trichromacy



Original Color

48.1980, -23.7616, 14.7354

Protanomaly

48.4040, -22.8772, 11.0467

Deuteranomaly

48.3120, -23.3248, 14.6354

Tritanomaly

50.8570, -9.7895, 13.2804

Monochromacy



Original Color

48.1980, -23.7616, 14.7354

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

47.8560, -8.3100, 5.3883

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.1980, -23.7616, 14.7354 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(65, 49, 0)` looks like.

```
.text, #text, p{  
    color:rgb(65, 49, 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(65, 49, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 49, 0) }
```

Border

The CSS property to change the border of an element to YUV 48.1980, -23.7616, 14.7354 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(65, 49, 0) }
```


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

```
.border{ border-color:rgb(65, 49, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 49, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 49, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(65, 49, 0); box-shadow:4px  
4px 4px 4px rgb(65, 49, 0) }
```

Background

The CSS property to change the background color of an element to YUV 48.1980, -23.7616, 14.7354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 49, 0) }
```

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

```
.background{ background-color: rgb(65, 49,  
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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