

Converting Colors

YUV(48.8880, -13.7488,
-23.5808)

Have a look what the booklet for
YUV(48.8880, -13.7488, -23.5808)
contains.

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Color

**YUV(48.8880, -13.7488,
-23.5808)**

Conversions

Conversions Part 1

Format	Color
Hex	164415
RGB	22, 68, 21
RGB Percent	9%, 27%, 8%
CMY	0.9137, 0.7333, 0.9176
CMYK	0.68, 0.00, 0.69, 0.73
HSL	119°, 53%, 17%
HSV	119°, 69%, 27%
XYZ	2.5334, 4.3590, 1.4173
YIQ	48.8880, -12.3290, -24.3690

Conversions

Conversions Part 2

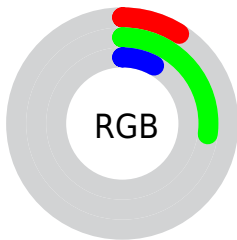
Format	Color
R_{YB}	21, 68, 67
Decimal	1459221
CIE _{Lab}	24.82, -26.61, 23.34
CIE _{LCh}	25, 35.396, 138.747
Yxy	4.3590, 0.3049, 0.5246
Android (android.graphics.Color)	4279649301 (0xFF164415)
YUV	48.8880, -13.7488, -23.5808
Hunter-Lab	20.8781, -14.8775, 10.5898

Details

The YUV color **48.8880, -13.7488, -23.5808** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **40.1120, 13.7488, 23.5808**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.4320, -15.4960, -23.1809**, and **14.6750, -7.2348, -12.8700** is the 20% darker color. If you saturate the color by 10%, you get **45.9970, -15.7745, -27.1844**, and if you desaturate by 10%, it is **51.7790, -11.7230, -19.9772**.

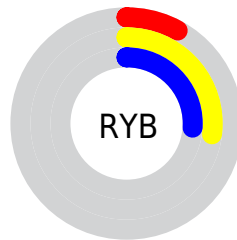
Distribution



Red (9%)

Green (27%)

Blue (8%)



Red (8%)

Yellow (27%)

Blue (26%)

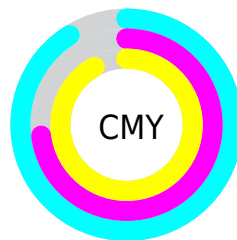


Cyan (68%)

Magenta (0%)

Yellow (69%)

Black (73%)



Cyan (91%)

Magenta (73%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.8880, -13.7488, -23.5808 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 48.8880, -13.7488, -23.5808 by changing the saturation by 10% instead.

■ 48.8880, -13.7488,
-23.5808

■ 48.8880, -13.7488,
-23.5808

■ 254.5440, -1.7472,
0.3999

■ 26.4150, -13.0226,
-23.1660

■ 97.4320, -15.4960,
-23.1809

■ 14.6750, -7.2348,
-12.8700

■ 122.9050,
-16.2222, -23.5957

■ 0.0000, 0.0000,
0.0000


■ 148.6770,
-17.0958, -23.3957


■ 176.1500,
-17.8220, -23.8106


■ 203.7370,
-18.1113, -24.3253


■ 231.6230,


-18.5481, -24.2254


 244.3610,
-11.0240, -10.8406


 48.8880, -13.7488,
-23.5808


 48.8880, -13.7488,
-23.5808


 45.9970, -15.7745,
-27.1844


 51.7790, -11.7230,
-19.9772


 43.4050, -17.9477,
-30.1732


 54.3710, -9.5499,
-16.9884

 40.6280, -19.5366,
-33.8768

 57.1480, -7.9610,
-13.2848

 40.2150, -19.8260,
-34.3916

 60.0390, -5.9352,
-9.6812

 62.6310, -3.7621,
-6.6924

■ 65.5220, -1.7363,
-3.0888

■ 68.4130, 0.2894,
0.5148

■ 70.8910, 2.0257,
3.6036

■ 73.7820, 4.0515,
7.2072

Harmonies

Analogous

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



53.7250, -26.4864, 1.9952



48.8880, -13.7488, -23.5808



47.1490, 0.4195, -41.3497

Triad

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



48.8880, -13.7488, -23.5808



50.8090, 29.6742, -44.5595



55.9670, -6.3927, 43.8789

Complementary

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



48.8880, -13.7488, -23.5808



40.1120, 13.7488, 23.5808

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.



57.8490, 5.9904, 38.7204



48.8880, -13.7488, -23.5808



56.4750, 26.3878, -17.0796

Square

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



48.8880, -13.7488, -23.5808



52.3760, 22.9856, -45.9338



60.7630, 16.3858, 17.7478



56.7090, -18.5905, 36.2122

Rectangle

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



48.8880, -13.7488, -23.5808



49.2010, 8.2819, -43.1493



60.7630, 16.3858, 17.7478



56.7050, -2.3196, 44.1087

Sweetspot

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



48.8880, -13.7488, -23.5808



81.5660, -5.2090, -9.2664



61.4680, -19.9507, 5.7286



41.3430, -3.6201, -5.5628



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



48.8880, -13.7488, -23.5808



59.0360, -21.7097, -36.8656



51.0970, -3.9918, -26.3951



31.7610, -0.8682, -1.5444



57.5370, -28.3657, -48.7059



132.9830, -65.5606, -112.2411

Inverse Universe

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



40.1120, 13.7488, 23.5808



45.2630, 21.5623, 37.4803



37.9030, 3.9918, 26.3951



31.2390, 0.8682, 1.5444



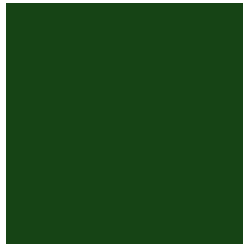
39.4630, 28.3657, 48.7059



91.3160, 65.4132, 112.8559

Previews

White Background



This preview shows how the YUV color 48.8880, -13.7488, -23.5808 looks on a white background.

Color Contrast Check

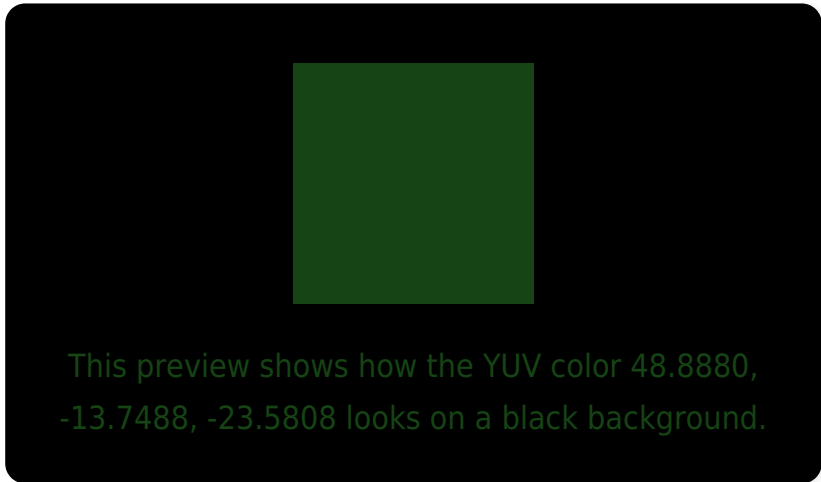
Large Text (above 18pt) WCAG AA ✓ Pass

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

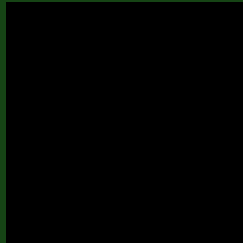
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 48.8880, -13.7488, -23.5808

Background



This preview shows how black text looks on a background with the YUV color 48.8880, -13.7488, -23.5808.



This preview shows how white text looks on a background with the YUV color 48.8880, -13.7488, -23.5808.

-23.5808.

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

48.8880, -13.7488, -23.5808

Protanopia

56.5330, -18.5038, 8.3026

Deuteranopia

57.5490, -16.0467, 13.5505



Tritanopia

55.6000, 6.6062, -18.9432

Trichromacy



Original Color

48.8880, -13.7488, -23.5808

Protanomaly

53.6240, -16.5766, -3.1782

Deuteranomaly

54.1020, -14.8403, -0.0895

Tritanomaly

53.0530, -0.5191, -20.2175

Monochromacy



Original Color

48.8880, -13.7488, -23.5808

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

48.9790, -4.9196, -8.7516

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.8880, -13.7488, -23.5808 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(22, 68, 21)` looks like.

```
.text, #text, p{  
    color:rgb(22, 68, 21)  
}
```

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(22, 68, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 68, 21) }
```

Border

The CSS property to change the border of an element to YUV 48.8880, -13.7488, -23.5808 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(22, 68, 21) }
```


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

```
.border{ border-color:rgb(22, 68, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 68, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 68, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 68, 21);  
box-shadow:4px 4px 4px 4px rgb(22, 68, 21)  
}
```

Background

The CSS property to change the background color of an element to YUV 48.8880, -13.7488, -23.5808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 68, 21) }
```

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

```
.background{ background-color: rgb(22, 68,  
21) }
```

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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