

Converting Colors

YUV(51.1460, -14.8620, 6.8880)

Have a look what the booklet for
YUV(51.1460, -14.8620, 6.8880)
contains.

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Color

**YUV(51.1460, -14.8620,
6.8880)**

Conversions

Conversions Part 1

Format	Color
Hex	3B3515
RGB	59, 53, 21
RGB Percent	23%, 21%, 8%
CMY	0.7686, 0.7922, 0.9176
CMYK	0.00, 0.10, 0.64, 0.77
HSL	51°, 48%, 16%
HSV	51°, 64%, 23%
XYZ	3.2121, 3.5302, 1.2216
YIQ	51.1460, 13.8480, -8.6800

Conversions

Conversions Part 2

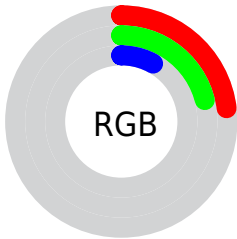
Format	Color
RYB	28, 59, 21
Decimal	3880213
CIELab	22.05, -2.37, 20.84
CIElCh	22, 20.970, 96.483
Yxy	3.5302, 0.4033, 0.4433
Android (android.graphics.Color)	4282070293 (0xFF3B3515)
YUV	51.1460, -14.8620, 6.8880
Hunter-Lab	18.7887, -2.3641, 9.2973

Details

The YUV color **51.1460, -14.8620, 6.8880** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **28.8540, 14.8620, -6.8880**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.8150, -16.1778, 8.9322**, and **6.7780, -3.3416, -1.5593** is the 20% darker color. If you saturate the color by 10%, you get **49.8750, -17.1934, 8.0026**, and if you desaturate by 10%, it is **52.4170, -12.5306, 5.7733**.

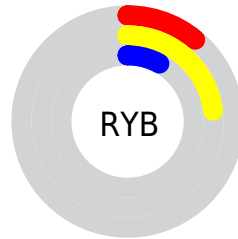
Distribution



Red (23%)

Green (21%)

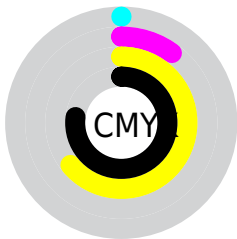
Blue (8%)



Red (11%)

Yellow (23%)

Blue (8%)

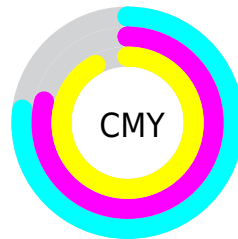


Cyan (0%)

Magenta (10%)

Yellow (64%)

Black (77%)



Cyan (77%)

Magenta (79%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.1460, -14.8620, 6.8880 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 51.1460, -14.8620, 6.8880 by changing the saturation by 10% instead.

■ 51.1460, -14.8620,
6.8880

■ 51.1460, -14.8620,
6.8880

■ 254.3160, -2.6208,
0.5999

■ 30.1460, -14.8620,
6.8880

■ 97.8150, -16.1778,
8.9322

■ 6.7780, -3.3416,
-1.5593

■ 122.5870,
-17.0514, 9.1322

■ 0.0000, 0.0000,
0.0000

■ 148.7720,
-17.6356, 9.8470

■ 175.6580,
-18.0724, 9.9469

■ 202.8430,
-18.6566, 10.6617

■ 231.0280,

-19.2408, 11.3764

■ 251.0100,
-15.2879, 3.4992

■ 51.1460, -14.8620,
6.8880

■ 51.1460, -14.8620,
6.8880

■ 49.8750, -17.1934,
8.0026

■ 52.4170, -12.5306,
5.7733

■ 48.6040, -19.5248,
9.1173

■ 53.6880, -10.1992,
4.6586

■ 47.3330, -21.8562,
10.2320

■ 54.9590, -7.8678,
3.5440

■ 46.9910, -23.1666,
10.5319

■ 56.2300, -5.5364,
2.4293

■ 57.3870, -3.6418,
1.4146

■ 58.6580, -1.3104,
0.2999

■ 59.9290, 1.0210,
-0.8147

■ 60.6130, 3.6418,
-1.4146

■ 61.8840, 5.9732,
-2.5293

Harmonies

Analogous

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



52.4400, -14.0209, 17.1541



51.1460, -14.8620, 6.8880



49.0950, -10.8928, -6.2223

Triad

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



51.1460, -14.8620, 6.8880



43.3140, 13.6492, -37.9864



54.4890, 5.1819, 17.9881

Complementary

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



51.1460, -14.8620, 6.8880



28.8540, 14.8620, -6.8880

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.



54.1220, 11.7719, 4.2780



51.1460, -14.8620, 6.8880



43.2800, 18.5960, -37.9566

Square

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



51.1460, -14.8620, 6.8880



42.1910, 6.8078, -37.0015



50.5540, 16.4889, -15.3949



53.6980, -1.8231, 24.8209

Rectangle

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



51.1460, -14.8620, 6.8880



47.2940, -6.0609, -16.0438



50.5540, 16.4889, -15.3949



54.7380, 7.5242, 13.3848

Sweetspot

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



51.1460, -14.8620, 6.8880



73.5290, -5.6838, 3.0441



33.0460, -2.9807, 22.7617



36.3870, -3.6418, 1.4146



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



51.1460, -14.8620, 6.8880



64.4040, -22.8772, 11.0467



50.7810, -14.6820, -4.1929



30.0710, -1.0210, 0.8147



74.4790, -36.7181, 17.1199



176.1470, -86.8405, 40.2131

Inverse Universe

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



28.8540, 14.8620, -6.8880



30.0090, 23.1666, -10.5319



29.2190, 14.6820, 4.1929



28.3420, 1.3104, -0.2999



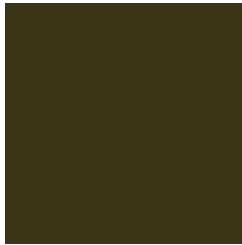
19.5210, 36.7181, -17.1199



45.8530, 86.8405, -40.2131

Previews

White Background



This preview shows how the YUV color 51.1460, -14.8620, 6.8880 looks on a white background.

Color Contrast Check

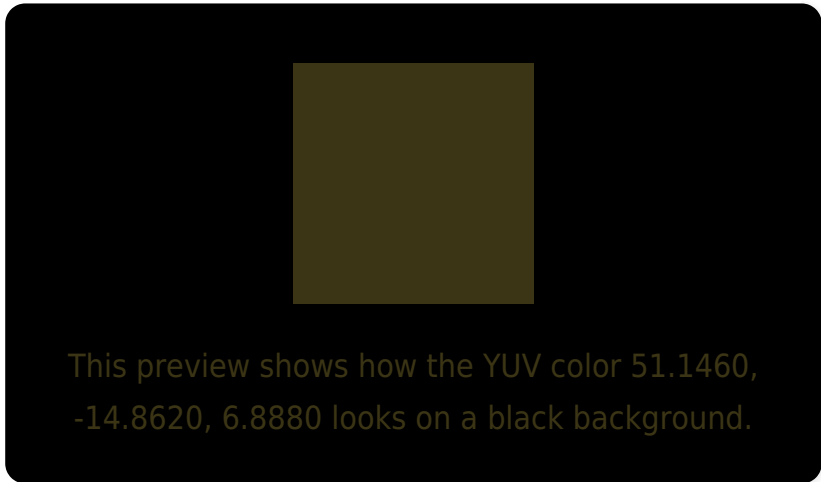
Large Text (above 18pt) WCAG AA ✓ Pass

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

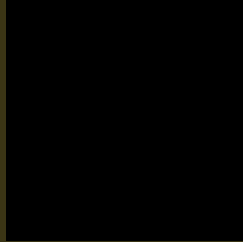
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 51.1460, -14.8620, 6.8880

Background



This preview shows how black text looks on a background with the YUV color 51.1460, -14.8620, 6.8880.

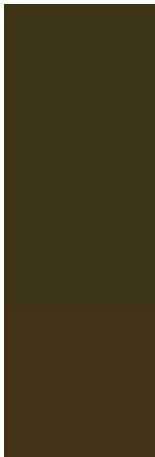


This preview shows how white text looks on a background with the YUV color 51.1460, -14.8620,

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

51.1460, -14.8620, 6.8880

Protanopia

51.1460, -14.8620, 6.8880

Deuteranopia

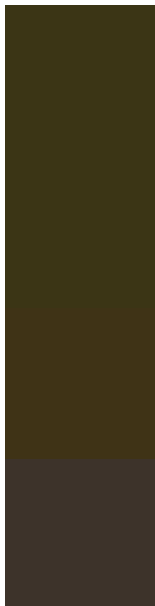
51.5920, -14.5889, 12.6358



Tritanopia

54.0440, -0.0217, 6.9774

Trichromacy



Original Color

51.1460, -14.8620, 6.8880

Protanomaly

51.1460, -14.8620, 6.8880

Deuteranomaly

51.2820, -14.4360, 10.2767

Tritanomaly

52.9640, -5.4053, 7.0476

Monochromacy



Original Color

51.1460, -14.8620, 6.8880

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

51.2300, -5.5364, 2.4293

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.1460, -14.8620, 6.8880 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(59, 53, 21)` looks like.

```
.text, #text, p{  
    color:rgb(59, 53, 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(59, 53, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 53, 21) }
```

Border

The CSS property to change the border of an element to YUV 51.1460, -14.8620, 6.8880 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(59, 53, 21) }
```


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

```
.border{ border-color:rgb(59, 53, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 53, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 53, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 53, 21);  
box-shadow:4px 4px 4px 4px rgb(59, 53, 21)  
}
```

Background

The CSS property to change the background color of an element to YUV 51.1460, -14.8620, 6.8880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 53, 21) }
```

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

```
.background{ background-color: rgb(59, 53,  
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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