

Converting Colors

YUV(48.6570, -16.5929, 2.0548)

Have a look what the booklet for
YUV(48.6570, -16.5929, 2.0548)
contains.

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Color

**YUV(48.6570, -16.5929,
2.0548)**

Conversions

Conversions Part 1

Format	Color
Hex	33360F
RGB	51, 54, 15
RGB Percent	20%, 21%, 6%
CMY	0.8000, 0.7882, 0.9412
CMYK	0.06, 0.00, 0.72, 0.79
HSL	65°, 57%, 14%
HSV	65°, 72%, 21%
XYZ	2.7706, 3.3766, 0.9577
YIQ	48.6570, 10.7310, -12.7650

Conversions

Conversions Part 2

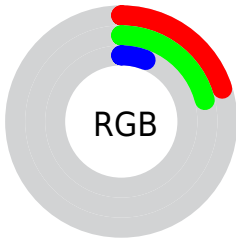
Format	Color
RYB	15, 54, 18
Decimal	3356175
CIELab	21.49, -7.73, 23.36
CIElCh	21, 24.605, 108.306
Yxy	3.3766, 0.3900, 0.4753
Android (android.graphics.Color)	4281546255 (0xFF33360F)
YUV	48.6570, -16.5929, 2.0548
Hunter-Lab	18.3756, -5.2435, 9.7730

Details

The YUV color **48.6570, -16.5929, 2.0548** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **20.3430, 16.5929, -2.0548**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.6140, -18.0507, 2.9695**, and **5.8700, -2.8939, -5.1480** is the 20% darker color. If you saturate the color by 10%, you get **48.0870, -18.7769, 2.5547**, and if you desaturate by 10%, it is **49.2270, -14.4089, 1.5549**.

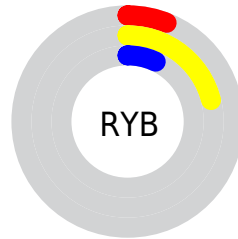
Distribution



Red (20%)

Green (21%)

Blue (6%)



Red (6%)

Yellow (21%)

Blue (7%)

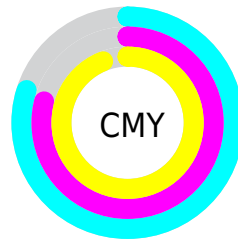


Cyan (6%)

Magenta (0%)

Yellow (72%)

Black (79%)



Cyan (80%)

Magenta (79%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.6570, -16.5929, 2.0548 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 48.6570, -16.5929, 2.0548 by changing the saturation by 10% instead.

■ 48.6570, -16.5929,
2.0548

■ 48.6570, -16.5929,
2.0548

■ 253.5180, -5.6784,
1.2997

■ 28.3410, -13.9721,
1.4549

■ 95.6140, -18.0507,
2.9695

■ 5.8700, -2.8939,
-5.1480

■ 119.7990,
-18.6349, 3.6843

■ 0.0000, 0.0000,
0.0000

■ 145.6850,
-19.0717, 3.7843

■ 172.4570,
-19.9453, 3.9842

■ 199.7560,
-20.0927, 4.5990

■ 228.2290,

-20.8189, 4.1842

■ 250.2120,
-18.3455, 4.1991

■ 48.6570, -16.5929,
2.0548

■ 48.6570, -16.5929,
2.0548

■ 48.0870, -18.7769,
2.5547

■ 49.2270, -14.4089,
1.5549

■ 47.1040, -21.2503,
2.5398

■ 50.2100, -11.9355,
1.5698

■ 46.6480, -22.9975,
2.9397

■ 50.7800, -9.7515,
1.0699

■ 51.7630, -7.2782,
1.0848

■ 52.3330, -5.0942,
0.5850

■ 52.9030, -2.9102,
0.0851

■ 53.8860, -0.4368,
0.1000

■ 54.4560, 1.7472,
-0.3999

■ 55.4390, 4.2206,
-0.3850

Harmonies

Analogous

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



50.2180, -17.3625, 15.5948



48.6570, -16.5929, 2.0548



45.9800, -9.8501, -14.0145

Triad

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



48.6570, -16.5929, 2.0548



43.5250, 16.9962, -38.1714



52.0770, 3.4130, 25.3655

Complementary

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



48.6570, -16.5929, 2.0548



20.3430, 16.5929, -2.0548

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.



53.3510, 11.1660, 11.9702



48.6570, -16.5929, 2.0548



42.7900, 21.7955, -37.5268

Square

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



48.6570, -16.5929, 2.0548



42.8750, 9.4286, -37.6014



51.1140, 17.1988, -9.7470



51.2210, -5.0390, 29.6242

Rectangle

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



48.6570, -16.5929, 2.0548



41.8300, -2.3812, -29.6689



51.1140, 17.1988, -9.7470



53.0380, 5.8973, 21.8917

Sweetspot

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



48.6570, -16.5929, 2.0548



68.9910, -6.4046, 0.8849



28.4220, -6.6170, 22.4319



34.5610, -4.2206, 0.3850



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



48.6570, -16.5929, 2.0548



62.7360, -26.4918, 3.7395



42.9760, -13.7922, -9.6260



27.6580, -1.3104, 0.2999



79.4190, -39.1536, 4.8945



188.9510, -93.1528, 11.4440

Inverse Universe

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



20.3430, 16.5929, -2.0548



17.5630, 26.3444, -3.1248



26.0240, 13.7922, 9.6260



25.3420, 1.3104, -0.2999



12.5810, 39.1536, -4.8945



30.0490, 93.1528, -11.4440

Previews

White Background



This preview shows how the YUV color 48.6570, -16.5929, 2.0548 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

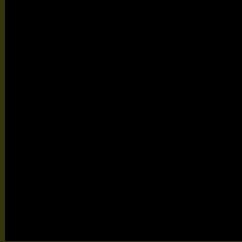
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 48.6570, -16.5929, 2.0548

Background



This preview shows how black text looks on a background with the YUV color 48.6570, -16.5929, 2.0548.

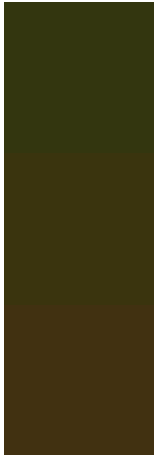


This preview shows how white text looks on a background with the YUV color 48.6570, -16.5929,

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

48.6570, -16.5929, 2.0548

Protanopia

49.4620, -17.4828, 7.4878

Deuteranopia

50.1360, -16.3360, 13.0357



Tritanopia

51.9510, 1.0102, 2.6740

Trichromacy



Original Color

48.6570, -16.5929, 2.0548

Protanomaly

49.1520, -17.3299, 5.1287

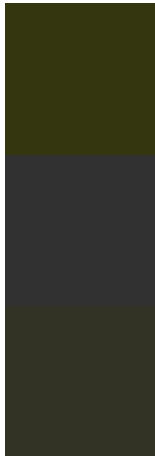
Deuteranomaly

49.7010, -16.6146, 9.0322

Tritanomaly

50.6430, -5.2470, 2.9441

Monochromacy



Original Color

48.6570, -16.5929, 2.0548

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

49.1050, -5.9678, 0.7849

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.6570, -16.5929, 2.0548 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(51, 54, 15)` looks like.

```
.text, #text, p{  
    color:rgb(51, 54, 15)  
}
```

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(51, 54, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 54, 15) }
```

Border

The CSS property to change the border of an element to YUV 48.6570, -16.5929, 2.0548 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(51, 54, 15) }
```


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

```
.border{ border-color:rgb(51, 54, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 54, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 54, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 54, 15);  
box-shadow:4px 4px 4px 4px rgb(51, 54, 15)  
}
```

Background

The CSS property to change the background color of an element to YUV 48.6570, -16.5929, 2.0548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 54, 15) }
```

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

```
.background{ background-color: rgb(51, 54,  
15) }
```

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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