

Converting Colors

YUV(64.3370, -17.9141, 5.8435)

Have a look what the booklet for
YUV(64.3370, -17.9141, 5.8435)
contains.

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Color

**YUV(64.3370, -17.9141,
5.8435)**

Conversions

Conversions Part 1

Format	Color
Hex	47441C
RGB	71, 68, 28
RGB Percent	28%, 27%, 11%
CMY	0.7216, 0.7333, 0.8902
CMYK	0.00, 0.04, 0.61, 0.72
HSL	56°, 43%, 19%
HSV	56°, 61%, 28%
XYZ	4.8753, 5.5577, 1.9144
YIQ	64.3370, 14.6280, -11.8040

Conversions

Conversions Part 2

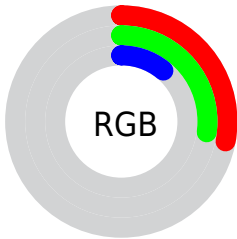
Format	Color
R_{YB}	31, 71, 28
Decimal	4670492
CIE Lab	28.27, -5.03, 24.32
CIE LCh	28, 24.834, 101.695
Yxy	5.5577, 0.3948, 0.4501
Android (android.graphics.Color)	4282860572 (0xFF47441C)
YUV	64.3370, -17.9141, 5.8435
Hunter-Lab	23.5747, -4.3420, 11.6876

Details

The YUV color **64.3370, -17.9141, 5.8435** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **34.6630, 17.9141, -5.8435**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.5930, -19.5193, 7.3729**, and **22.4490, -11.0674, 3.1142** is the 20% darker color. If you saturate the color by 10%, you get **63.5390, -20.9717, 6.5433**, and if you desaturate by 10%, it is **65.1350, -14.8566, 5.1436**.

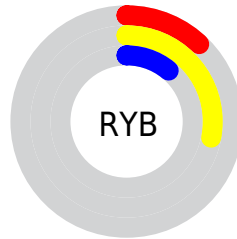
Distribution



Red (28%)

Green (27%)

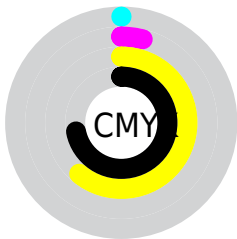
Blue (11%)



Red (12%)

Yellow (28%)

Blue (11%)

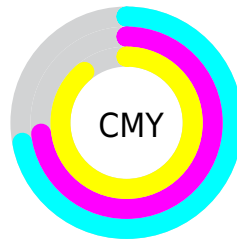


Cyan (0%)

Magenta (4%)

Yellow (61%)

Black (72%)



Cyan (72%)

Magenta (73%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.3370, -17.9141, 5.8435 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 64.3370, -17.9141, 5.8435 by changing the saturation by 10% instead.

■ 64.3370, -17.9141,
5.8435

■ 64.3370, -17.9141,
5.8435

■ 255.0000, 0.0000,
0.0000

■ 41.8100, -18.6403,
5.4286

■ 112.5930,
-19.5193, 7.3729

■ 22.4490, -11.0674,
3.1142

■ 137.7780,
-20.1036, 8.0877

■ 0.0000, 0.0000,
0.0000

■ 164.5500,
-20.9772, 8.2876

■ 191.7350,
-21.5614, 9.0024

■ 219.6210,
-21.9982, 9.1024

■ 246.7240,

-21.5559, 7.2581

■ 252.2640,
-10.4832, 2.3995

■ 64.3370, -17.9141,
5.8435

■ 64.3370, -17.9141,
5.8435

■ 63.5390, -20.9717,
6.5433

■ 65.1350, -14.8566,
5.1436

■ 62.1540, -23.7399,
7.7579

■ 66.5200, -12.0884,
3.9290

■ 61.3560, -26.7975,
8.4578

■ 67.3180, -9.0308,
3.2291

■ 59.9710, -29.5657,
9.6724

■ 68.7030, -6.2626,
2.0145

■ 69.6150, -2.7682,
1.2146

■ 71.0000, 0.0000,
0.0000

■ 71.7980, 3.0576,
-0.6998

■ 73.1830, 5.8258,
-1.9145

■ 73.9810, 8.8834,
-2.6143

Harmonies

Analogous

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



65.5390, -17.5207, 19.6983



64.3370, -17.9141, 5.8435



62.0190, -12.3344, -10.5407

Triad

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



64.3370, -17.9141, 5.8435



54.5130, 18.4811, -47.8079



68.8210, 5.0182, 23.8360

Complementary

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



64.3370, -17.9141, 5.8435



34.6630, 17.9141, -5.8435

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.



68.7850, 12.9240, 8.0816



64.3370, -17.9141, 5.8435



54.0060, 24.1540, -47.3633

Square

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



64.3370, -17.9141, 5.8435



53.6350, 10.0399, -47.0379



65.2490, 19.1042, -14.2504



67.5740, -3.7340, 31.0686

Rectangle

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



64.3370, -17.9141, 5.8435



59.3640, -5.6025, -23.1212



65.2490, 19.1042, -14.2504



68.5970, 8.0867, 19.6474

Sweetspot

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



64.3370, -17.9141, 5.8435



89.4750, -7.1362, 2.2144



41.3130, -4.5913, 26.0355



44.2730, -4.0786, 1.5146



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.



64.3370, -17.9141, 5.8435



81.4270, -27.8185, 9.2725



60.7160, -16.1290, -6.7669



34.9570, -1.4578, 0.9147



84.1920, -41.5067, 12.9866



191.7300, -94.5229, 30.9318

Inverse Universe

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



34.6630, 17.9141, -5.8435



34.9860, 28.1079, -8.7577



38.2840, 16.1290, 6.7669



32.4560, 1.7472, -0.3999



15.3950, 41.2173, -13.5014



35.2700, 94.5229, -30.9318

Previews

White Background



This preview shows how the YUV color 64.3370, -17.9141, 5.8435 looks on a white background.

Color Contrast Check

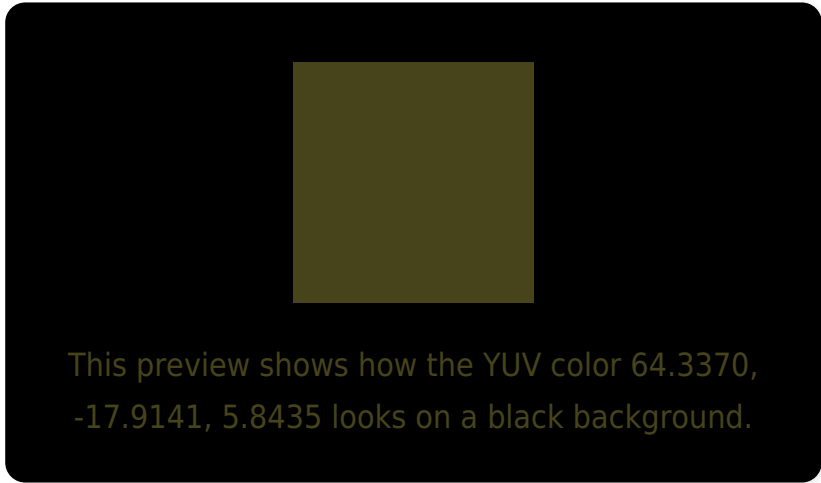
Large Text (above 18pt) WCAG AA ✓ Pass

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

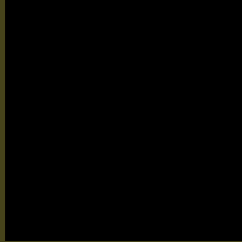
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

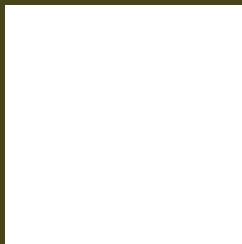
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 64.3370, -17.9141, 5.8435

Background



This preview shows how black text looks on a background with the YUV color 64.3370, -17.9141, 5.8435.



This preview shows how white text looks on a background with the YUV color 64.3370, -17.9141,

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

64.3370, -17.9141, 5.8435

Protanopia

64.6470, -18.0670, 8.2026

Deuteranopia

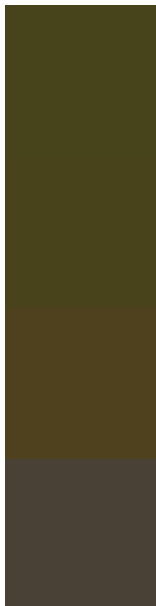
65.6910, -18.0887, 15.1800



Tritanopia

67.8590, 0.5625, 6.2627

Trichromacy



Original Color

64.3370, -17.9141, 5.8435

Protanomaly

64.3480, -17.9196, 7.5878

Deuteranomaly

65.0820, -17.7884, 12.2061

Tritanomaly

66.4370, -6.1314, 6.6328

Monochromacy



Original Color

64.3370, -17.9141, 5.8435

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.0020, -6.4100, 2.6292

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.3370, -17.9141, 5.8435 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(71, 68, 28)` looks like.

```
.text, #text, p{  
    color:rgb(71, 68, 28)  
}
```

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(71, 68, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 68, 28) }
```

Border

The CSS property to change the border of an element to YUV 64.3370, -17.9141, 5.8435 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(71, 68, 28) }
```


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

```
.border{ border-color:rgb(71, 68, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 68, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 68, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 68, 28);  
box-shadow:4px 4px 4px 4px rgb(71, 68, 28)  
}
```

Background

The CSS property to change the background color of an element to YUV 64.3370, -17.9141, 5.8435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 68, 28) }
```

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

```
.background{ background-color: rgb(71, 68,  
28) }
```

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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