

Converting Colors

YUV(47.4460, 0.2731, 5.7479)

Have a look what the booklet for
YUV(47.4460, 0.2731, 5.7479)
contains.

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Color

**YUV(47.4460, 0.2731,
5.7479)**

Conversions

Conversions Part 1

Format	Color
Hex	362C30
RGB	54, 44, 48
RGB Percent	21%, 17%, 19%
CMY	0.7882, 0.8275, 0.8118
CMYK	0.00, 0.19, 0.11, 0.79
HSL	336°, 10%, 19%
HSV	336°, 19%, 21%
XYZ	2.9555, 2.7990, 3.1808
YIQ	47.4460, 4.6760, 3.3640

Conversions

Conversions Part 2

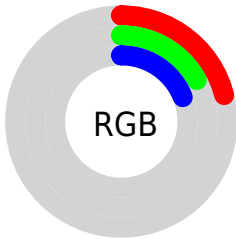
Format	Color
R_{YB}	54, 44, 48
Decimal	3550256
CIE Lab	19.22, 5.42, -0.87
CIE LCh	19, 5.487, 350.860
Yxy	2.7990, 0.3308, 0.3133
Android (android.graphics.Color)	4281740336 (0xFF362C30)
YUV	47.4460, 0.2731, 5.7479
Hunter-Lab	16.7303, 2.2550, 0.4389

Details

The YUV color **47.4460, 0.2731, 5.7479** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **50.5540, -0.2731, -5.7479**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.7450, 0.1257, 6.3626**, and **1.4950, -0.7370, 3.0739** is the 20% darker color. If you saturate the color by 10%, you get **44.1690, 0.4097, 8.6218**, and if you desaturate by 10%, it is **50.7230, 0.1366, 2.8739**.

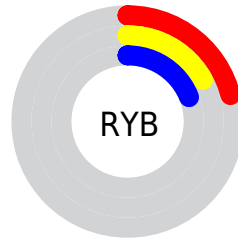
Distribution



Red (21%)

Green (17%)

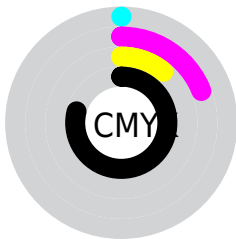
Blue (19%)



Red (21%)

Yellow (17%)

Blue (19%)

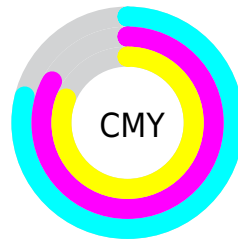


Cyan (0%)

Magenta (19%)

Yellow (11%)

Black (79%)



Cyan (79%)

Magenta (83%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.4460, 0.2731, 5.7479 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 47.4460, 0.2731, 5.7479 by changing the saturation by 10% instead.

■ 47.4460, 0.2731,
5.7479

■ 47.4460, 0.2731,
5.7479

■ 255.0000, 0.0000,
0.0000

■ 26.4460, 0.2731,
5.7479

■ 93.7450, 0.1257,
6.3626

■ 1.4950, -0.7370,
3.0739

■ 118.1580, 0.4151,
6.8774

■ 0.0000, 0.0000,
0.0000

■ 143.4570, 0.2677,
7.4922

■ 170.1580, 0.4151,
6.8774

■ 197.4570, 0.2677,
7.4922

■ 225.4570, 0.2677,

7.4922

251.4780, 1.7363,
3.0888

47.4460, 0.2731,
5.7479

47.4460, 0.2731,
5.7479

44.1690, 0.4097,
8.6218

50.7230, 0.1366,
2.8739

40.3050, 0.8356,
12.0105

54.5870, -0.2894,
-0.5148

36.9140, 0.5354,
14.9844

57.9780, 0.0108,
-3.4887

33.0500, 0.9613,
18.3731

61.8420, -0.4151,
-6.8774

29.7730, 1.0979,
21.2471

65.1190, -0.5517,
-9.7514

■ 26.4960, 1.2345,
24.1210

■ 68.3960, -0.6882,
-12.6253

■ 22.5180, 1.2236,
27.6097

■ 72.3740, -0.6774,
-16.1140

■ 19.2410, 1.3602,
30.4836

■ 75.6510, -0.8139,
-18.9879

■ 18.6540, 1.6496,
30.9984

■ 79.5150, -1.2399,
-22.3767

Harmonies

Analogous

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



47.5920, 2.1731, 2.9888



47.4460, 0.2731, 5.7479



47.2890, -1.6215, 6.7625

Triad

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



47.4460, 0.2731, 5.7479



46.0880, -3.4944, 0.7998



45.2810, 3.8055, -7.2624

Complementary

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



47.4460, 0.2731, 5.7479



50.5540, -0.2731, -5.7479

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.



45.1130, 1.9163, -7.9921



47.4460, 0.2731, 5.7479



45.5220, -1.7363, -3.0888

Square

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



47.4460, 0.2731, 5.7479



46.6970, -3.7946, 3.7737



45.2550, -0.1257, -6.3626



46.0040, 3.9420, -4.3885

Rectangle

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



47.4460, 0.2731, 5.7479



47.0610, -2.4951, 6.9625



45.2550, -0.1257, -6.3626



45.7540, 3.0793, -7.6773

Sweetspot

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



47.4460, 0.2731, 5.7479



68.4240, 0.2840, 2.2592



46.9340, 3.4835, 2.6889



34.0110, -0.0054, 1.7444



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.



47.4460, 0.2731, 5.7479



61.1690, 0.4097, 8.6218



47.5770, -1.7635, 5.6330



26.0110, -0.0054, 1.7444



31.7260, 2.6001, 52.8603



75.5130, 6.1561, 125.8381

Inverse Universe

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



47.4460, 0.2731, 5.7479



61.1690, 0.4097, 8.6218



50.4230, 1.7635, -5.6330



26.0110, -0.0054, 1.7444



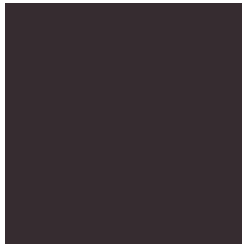
31.7260, 2.6001, 52.8603



75.5130, 6.1561, 125.8381

Previews

White Background



This preview shows how the YUV color 47.4460, 0.2731, 5.7479 looks on a white background.

Color Contrast Check

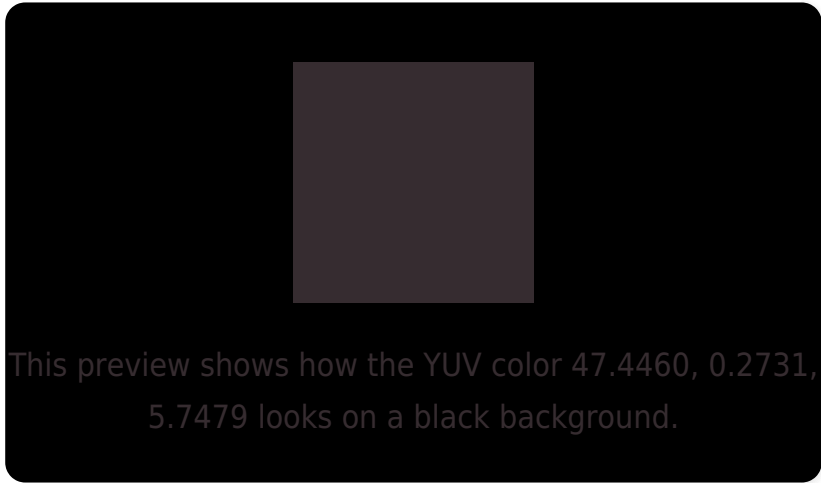
Large Text (above 18pt) WCAG AA ✓ Pass

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

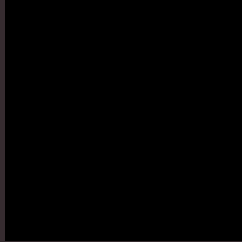
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.4460, 0.2731, 5.7479

Background



This preview shows how black text looks on a background with the YUV color 47.4460, 0.2731, 5.7479.

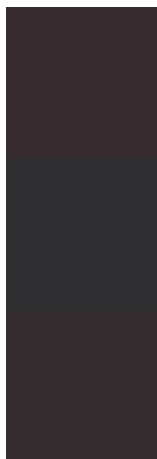


This preview shows how white text looks on a background with the YUV color 47.4460, 0.2731,

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

47.4460, 0.2731, 5.7479

Protanopia

46.6410, 1.1630, 0.3148

Deuteranopia

47.1360, 0.4260, 3.3887



Tritanopia

47.4460, 0.2731, 5.7479

Trichromacy



Original Color

47.4460, 0.2731, 5.7479

Protanomaly

46.9510, 1.0102, 2.6740

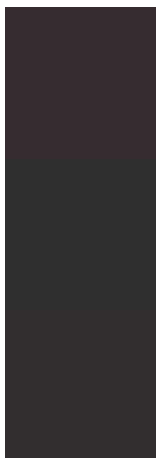
Deuteranomaly

47.4350, 0.2785, 4.0035

Tritanomaly

47.4460, 0.2731, 5.7479

Monochromacy



Original Color

47.4460, 0.2731, 5.7479

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.3100, -0.1528, 2.3591

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.4460, 0.2731, 5.7479 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(54, 44, 48)` looks like.

```
.text, #text, p{  
    color:rgb(54, 44, 48)  
}
```

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(54, 44, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 44, 48) }
```

Border

The CSS property to change the border of an element to YUV 47.4460, 0.2731, 5.7479 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(54, 44, 48) }
```


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

```
.border{ border-color:rgb(54, 44, 48) }
```

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

Here you see how a box with a 4 pixel rgb(54, 44, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 44, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 44, 48);  
box-shadow:4px 4px 4px 4px rgb(54, 44, 48)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.4460, 0.2731, 5.7479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 44, 48) }
```

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

```
.background{ background-color: rgb(54, 44,  
48) }
```

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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