

Converting Colors

YUV(47.6740, 1.1467, 5.5479)

Have a look what the booklet for
YUV(47.6740, 1.1467, 5.5479)
contains.

YUV(47.6740, 1.1467, 5.5479)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(47.6740, 1.1467,
5.5479)**

Conversions

Conversions Part 1

Format	Color
Hex	362C32
RGB	54, 44, 50
RGB Percent	21%, 17%, 20%
CMY	0.7882, 0.8275, 0.8039
CMYK	0.00, 0.19, 0.07, 0.79
HSL	324°, 10%, 19%
HSV	324°, 19%, 21%
XYZ	2.9977, 2.8159, 3.4031
YIQ	47.6740, 4.0340, 3.9860

Conversions

Conversions Part 2

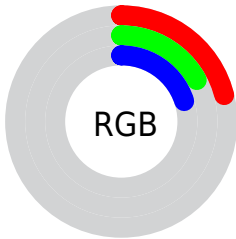
Format	Color
RYB	54, 44, 50
Decimal	3550258
CIELab	19.29, 5.86, -2.15
CIElCh	19, 6.241, 339.823
Yxy	2.8159, 0.3252, 0.3055
Android (android.graphics.Color)	4281740338 (0xFF362C32)
YUV	47.6740, 1.1467, 5.5479
Hunter-Lab	16.7807, 2.5212, -0.2776

Details

The YUV color **47.6740, 1.1467, 5.5479** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **50.3260, -1.1467, -5.5479**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.9730, 0.9993, 6.1627**, and **2.0220, -0.0108, 3.4887** is the 20% darker color. If you saturate the color by 10%, you get **44.5110, 1.7201, 8.3219**, and if you desaturate by 10%, it is **50.8370, 0.5734, 2.7740**.

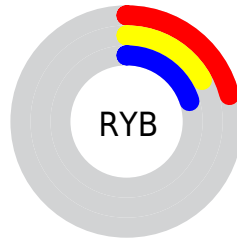
Distribution



Red (21%)

Green (17%)

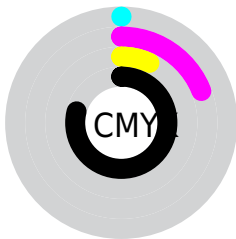
Blue (20%)



Red (21%)

Yellow (17%)

Blue (20%)

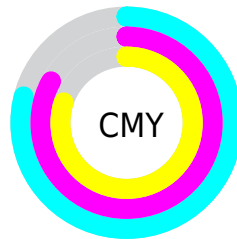


Cyan (0%)

Magenta (19%)

Yellow (7%)

Black (79%)



Cyan (79%)

Magenta (83%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.6740, 1.1467, 5.5479 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 47.6740, 1.1467, 5.5479 by changing the saturation by 10% instead.

■ 47.6740, 1.1467,
5.5479

■ 47.6740, 1.1467,
5.5479

■ 255.0000, 0.0000,
0.0000

■ 26.6740, 1.1467,
5.5479

■ 93.9730, 0.9993,
6.1627

■ 2.0220, -0.0108,
3.4887

■ 118.3860, 1.2887,
6.6775

■ 0.0000, 0.0000,
0.0000

■ 143.7990, 1.5781,
7.1923

■ 170.3860, 1.2887,
6.6775

■ 197.7990, 1.5781,
7.1923

■ 225.7990, 1.5781,

7.1923

251.4780, 1.7363,
3.0888

47.6740, 1.1467,
5.5479

47.6740, 1.1467,
5.5479

44.5110, 1.7201,
8.3219

50.8370, 0.5734,
2.7740

40.7610, 2.5828,
11.6106

54.5870, -0.2894,
-0.5148

37.5980, 3.1562,
14.3846

57.7500, -0.8628,
-3.2887

33.7340, 3.5821,
17.7733

61.6140, -1.2887,
-6.6775

30.5710, 4.1555,
20.5472

64.7770, -1.8621,
-9.4514

■ 27.4080, 4.7289,
23.3212

■ 67.9400, -2.4354,
-12.2254

■ 23.6580, 5.5916,
26.6099

■ 71.6900, -3.2982,
-15.5141

■ 20.4950, 6.1650,
29.3839

■ 74.8530, -3.8715,
-18.2881

■ 19.7940, 6.0176,
29.9987

■ 78.6030, -4.7343,
-21.5768

Harmonies

Analogous

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



47.2220, 3.3416, 1.5593



47.6740, 1.1467, 5.5479



47.7020, -1.3321, 7.2773

Triad

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



47.6740, 1.1467, 5.5479



46.5720, -4.2260, 2.1294



45.1560, 3.3741, -8.9068

Complementary

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



47.6740, 1.1467, 5.5479



50.3260, -1.1467, -5.5479

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.



44.9990, 1.4795, -7.8921



47.6740, 1.1467, 5.5479



45.8920, -2.9048, -1.6593

Square

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



47.6740, 1.1467, 5.5479



46.5940, -4.2368, 5.6181



45.4400, -0.7099, -5.6479



45.8080, 4.5317, -6.8476

Rectangle

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



47.6740, 1.1467, 5.5479



47.3600, -2.6425, 7.5773



45.4400, -0.7099, -5.6479



45.0420, 2.9373, -8.8068

Sweetspot

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



47.6740, 1.1467, 5.5479



68.5380, 0.7208, 2.1592



46.3360, 3.7784, 1.4593



34.1250, 0.4314, 1.6444



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.



47.6740, 1.1467, 5.5479



61.5110, 1.7201, 8.3219



47.1040, -1.0373, 6.0478



26.1250, 0.4314, 1.6444



33.7780, 10.4624, 51.0607



80.5290, 25.3752, 121.4391

Inverse Universe

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



47.6740, 1.1467, 5.5479



61.5110, 1.7201, 8.3219



50.8960, 1.0373, -6.0478



26.1250, 0.4314, 1.6444



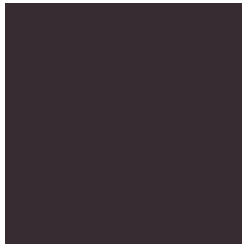
33.7780, 10.4624, 51.0607



80.5290, 25.3752, 121.4391

Previews

White Background



This preview shows how the YUV color 47.6740, 1.1467, 5.5479 looks on a white background.

Color Contrast Check

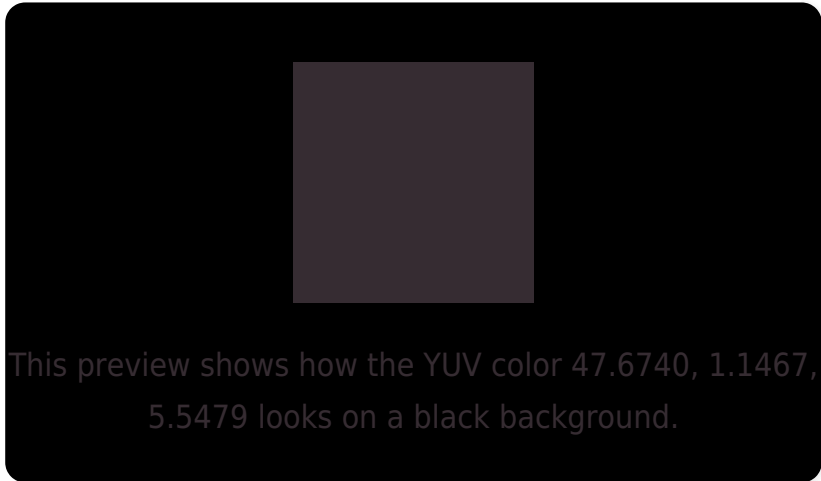
Large Text (above 18pt) WCAG AA ✓ Pass

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

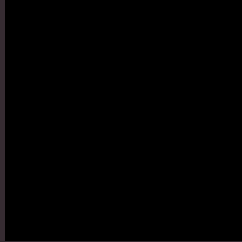
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.6740, 1.1467, 5.5479

Background



This preview shows how black text looks on a background with the YUV color 47.6740, 1.1467, 5.5479.

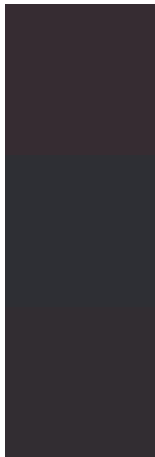


This preview shows how white text looks on a background with the YUV color 47.6740, 1.1467,

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

47.6740, 1.1467, 5.5479

Protanopia

47.2710, 2.3314, -1.1147

Deuteranopia

47.0650, 1.4470, 2.5740



Tritanopia

47.4460, 0.2731, 5.7479

Trichromacy



Original Color

47.6740, 1.1467, 5.5479

Protanomaly

47.4670, 1.7418, 1.3444

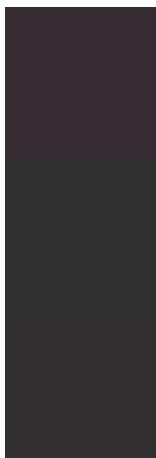
Deuteranomaly

47.3640, 1.2995, 3.1888

Tritanomaly

47.5600, 0.7099, 5.6479

Monochromacy



Original Color

47.6740, 1.1467, 5.5479

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.1250, 0.4314, 1.6444

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.6740, 1.1467, 5.5479 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, 50)` looks like.

```
.text, #text, p{  
    color:rgb(54, 44, 50)  
}
```

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, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 44, 50) }
```

Border

The CSS property to change the border of an element to YUV 47.6740, 1.1467, 5.5479 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, 50) }
```


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

```
.border{ border-color:rgb(54, 44, 50) }
```

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, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 44, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 44, 50);  
box-shadow:4px 4px 4px 4px rgb(54, 44, 50)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.6740, 1.1467, 5.5479 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, 50) }
```

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

```
.background{ background-color: rgb(54, 44,  
50) }
```

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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