

Converting Colors

YUV(47.6760, -1.8123, 21.3321)

Have a look what the booklet for
YUV(47.6760, -1.8123, 21.3321)
contains.

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Color

**YUV(47.6760, -1.8123,
21.3321)**

Conversions

Conversions Part 1

Format	Color
Hex	48242C
RGB	72, 36, 44
RGB Percent	28%, 14%, 17%
CMY	0.7176, 0.8588, 0.8275
CMYK	0.00, 0.50, 0.39, 0.72
HSL	347°, 33%, 21%
HSV	347°, 50%, 28%
XYZ	3.7580, 2.8213, 2.7294
YIQ	47.6760, 18.8880, 10.1200

Conversions

Conversions Part 2

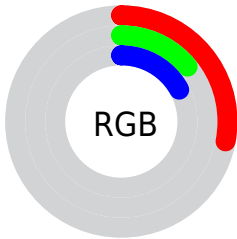
Format	Color
RYB	72, 36, 44
Decimal	4727852
CIELab	19.31, 18.12, 2.35
CIElCh	19, 18.275, 7.397
Yxy	2.8213, 0.4037, 0.3031
Android (android.graphics.Color)	4282917932 (0xFF48242C)
YUV	47.6760, -1.8123, 21.3321
Hunter-Lab	16.7968, 10.5419, 2.1235




Details

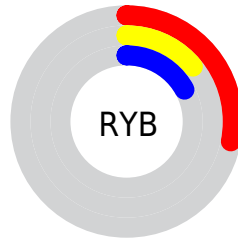
The YUV color **47.6760, -1.8123, 21.3321** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **60.3240, 1.8123, -21.3321**, and the grayscale version is **48.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **94.7580, -2.8387, 23.8912**, and **8.7850, -3.8380, 17.7286** is the 20% darker color. If you saturate the color by 10%, you get **42.8830, -2.4073, 25.5356**, and if you desaturate by 10%, it is **52.4690, -1.2172, 17.1287**.

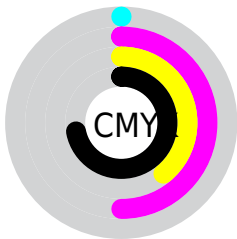
Distribution







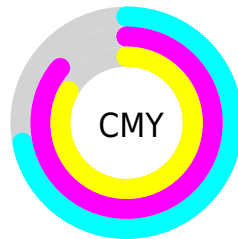
-  Red (28%)
-  Green (14%)
-  Blue (17%)






-  Red (28%)
-  Yellow (14%)
-  Blue (17%)



-  Cyan (0%)
-  Magenta (50%)
-  Yellow (39%)
-  Black (72%)



-  Cyan (72%)
-  Magenta (86%)
-  Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.6760, -1.8123, 21.3321 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 47.6760, -1.8123, 21.3321 by changing the saturation by 10% instead.

■ 47.6760, -1.8123,
21.3321

■ 47.6760, -1.8123,
21.3321

■ 255.0000, 0.0000,
0.0000

■ 25.8930, -0.9332,
19.3878

■ 94.7580, -2.8387,
23.8912

■ 8.7850, -3.8380,
17.7286

■ 119.4700, -2.6967,
25.0208

■ 0.0000, 0.0000,
0.0000

■ 145.0680, -2.9915,
26.2504

■ 172.3670, -3.1389,
26.8651

■ 199.9650, -3.4337,
28.0947

■ 225.8830, -2.4073,

25.5356

246.0980, 1.4307,
7.8071

47.6760, -1.8123,
21.3321

47.6760, -1.8123,
21.3321

42.8830, -2.4073,
25.5356

52.4690, -1.2172,
17.1287

38.2040, -2.5656,
29.6391

57.1480, -1.0590,
13.0252

32.8240, -2.8712,
34.3574

62.5280, -0.7533,
8.3069

28.1450, -3.0295,
38.4608

67.2070, -0.5951,
4.2035

23.3520, -3.6245,
42.6643

72.0000, 0.0000,
0.0000

■ 76.7930, 0.5951,
-4.2035

■ 81.4720, 0.7533,
-8.3069

■ 86.8520, 1.0590,
-13.0252

■ 91.5310, 1.2172,
-17.1287

Harmonies

Analogous

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



48.5380, 4.1718, 15.3142



47.6760, -1.8123, 21.3321



47.0690, -7.9220, 20.9875

Triad

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



47.6760, -1.8123, 21.3321



44.1490, -9.4405, -5.3927



38.0310, 16.2537, -33.3532

Complementary

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



47.6760, -1.8123, 21.3321



60.3240, 1.8123, -21.3321

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.



38.2930, 12.1806, -33.5830



47.6760, -1.8123, 21.3321



41.1950, -2.5611, -18.5880

Square

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



47.6760, -1.8123, 21.3321



45.4170, -12.5306, 5.7733



37.3980, 6.2128, -32.7980



45.4790, 13.5679, -11.8211

Rectangle

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



47.6760, -1.8123, 21.3321



46.6510, -10.6739, 16.9691



37.3980, 6.2128, -32.7980



38.3900, 15.0907, -33.6680

Sweetspot

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



47.6760, -1.8123, 21.3321



84.5280, -0.7533, 8.3069



48.4760, 11.5973, 13.6145



42.6200, -0.3057, 4.7183



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



47.6760, -1.8123, 21.3321



56.1120, -3.0132, 33.2278



52.6340, -8.2006, 16.9840



33.3100, -0.1528, 2.3591



32.1090, -4.9837, 58.6634



73.5730, -11.6215, 134.5555

Inverse Universe

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



47.6760, -1.8123, 21.3321



56.1120, -3.0132, 33.2278



55.3660, 8.2006, -16.9840



33.3100, -0.1528, 2.3591



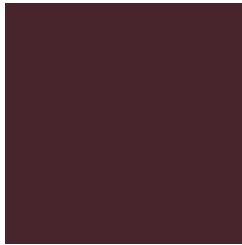
32.1090, -4.9837, 58.6634



73.5730, -11.6215, 134.5555

Previews

White Background



This preview shows how the YUV color 47.6760, -1.8123, 21.3321 looks on a white background.

Color Contrast Check

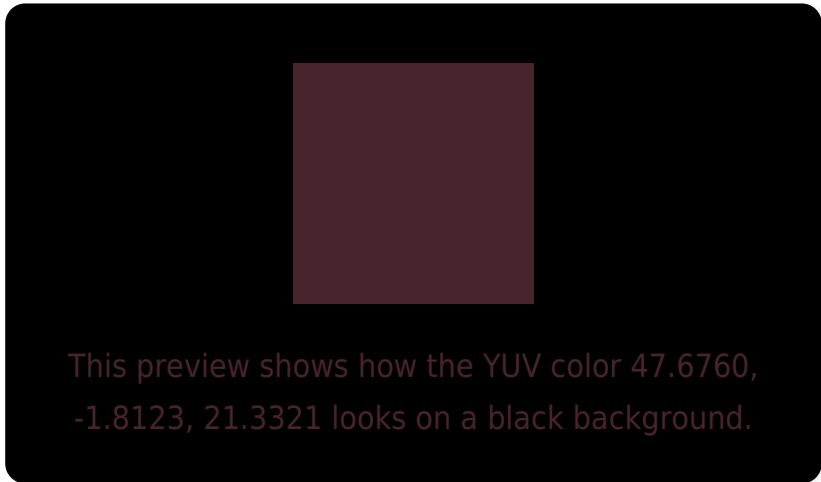
Large Text (above 18pt) WCAG AA ✓ Pass

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

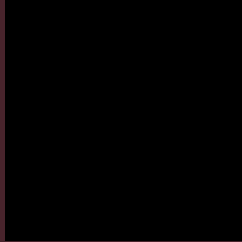
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.6760, -1.8123, 21.3321

Background



This preview shows how black text looks on a background with the YUV color 47.6760, -1.8123, 21.3321.



This preview shows how white text looks on a background with the YUV color 47.6760, -1.8123,

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

47.6760, -1.8123, 21.3321

Protanopia

47.3420, 1.3104, -0.2999

Deuteranopia

47.9360, -2.9264, 5.3181



Tritanopia

47.6930, -4.2856, 21.3172

Trichromacy



Original Color

47.6760, -1.8123, 21.3321

Protanomaly

47.4570, 0.2677, 7.4922

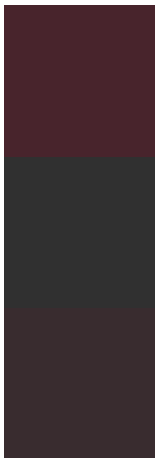
Deuteranomaly

47.7950, -2.3639, 11.5808

Tritanomaly

47.9210, -3.4121, 21.1173

Monochromacy



Original Color

47.6760, -1.8123, 21.3321

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.2290, -0.6059, 7.6922

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.6760, -1.8123, 21.3321 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(72, 36, 44)` looks like.

```
.text, #text, p{  
    color:rgb(72, 36, 44)  
}
```

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(72, 36, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 36, 44) }
```

Border

The CSS property to change the border of an element to YUV 47.6760, -1.8123, 21.3321 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(72, 36, 44) }
```


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

```
.border{ border-color:rgb(72, 36, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 36, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 36, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 36, 44);  
box-shadow:4px 4px 4px 4px rgb(72, 36, 44)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.6760, -1.8123, 21.3321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 36, 44) }
```

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

```
.background{ background-color: rgb(72, 36,  
44) }
```

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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