

Converting Colors

YUV(47.5080, -17.0124,
43.4045)

Have a look what the booklet for
YUV(47.5080, -17.0124, 43.4045)
contains.

YUV(47.5080, -17.0124, 43.4045)	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(47.5080, -17.0124,
43.4045)**

Conversions

Conversions Part 1

Format	Color
Hex	611D0D
RGB	97, 29, 13
RGB Percent	38%, 11%, 5%
CMY	0.6196, 0.8863, 0.9490
CMYK	0.00, 0.70, 0.87, 0.62
HSL	11°, 76%, 22%
HSV	11°, 87%, 38%
XYZ	5.4418, 3.4492, 0.7597
YIQ	47.5080, 45.6640, 9.4400

Conversions

Conversions Part 2

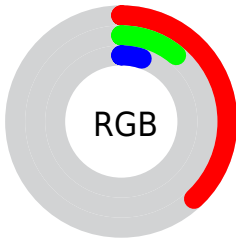
Format	Color
RYB	97, 33, 13
Decimal	6364429
CIELab	21.76, 29.95, 26.65
CIElCh	22, 40.092, 41.662
Yxy	3.4492, 0.5639, 0.3574
Android (android.graphics.Color)	4284554509 (0xFF611D0D)
YUV	47.5080, -17.0124, 43.4045
Hunter-Lab	18.5720, 19.8014, 10.5750

Details

The YUV color **47.5080, -17.0124, 43.4045** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **62.4920, 17.0124, -43.4045**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.3300, -20.3757, 48.8226**, and **13.4550, -6.6333, 27.6650** is the 20% darker color. If you saturate the color by 10%, you get **41.6720, -19.0653, 48.5227**, and if you desaturate by 10%, it is **53.3440, -14.9596, 38.2863**.

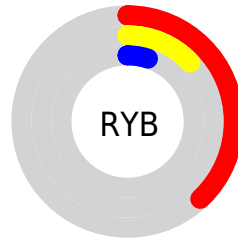
Distribution



Red (38%)

Green (11%)

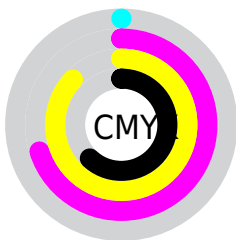
Blue (5%)



Red (38%)

Yellow (13%)

Blue (5%)

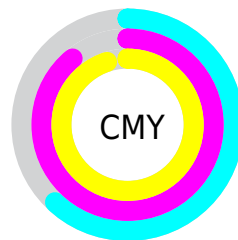


Cyan (0%)

Magenta (70%)

Yellow (87%)

Black (62%)



Cyan (62%)


Magenta (89%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the YUV color 47.5080, -17.0124, 43.4045 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 47.5080, -17.0124, 43.4045 by changing the saturation by 10% instead.


 47.5080, -17.0124,
43.4045


 47.5080, -17.0124,
43.4045

 253.0620, -7.4256,
1.6996

 22.6910, -11.1867,
41.4900

 97.3300, -20.3757,
48.8226


 13.4550, -6.6333,
27.6650

 123.2980,
-21.8389, 51.4817

 0.0000, 0.0000,
0.0000


 149.4940,
-22.4285, 53.9408


 177.1630,
-23.7444, 55.9850


 200.1620,
-22.2649, 48.0929


 219.6760,


-18.5743, 30.9791


 239.3040,
-14.4469, 13.7654


 47.5080, -17.0124,
43.4045


 47.5080, -17.0124,
43.4045


 41.6720, -19.0653,
48.5227


 53.3440, -14.9596,
38.2863

 39.5690, -19.5075,
50.3670

 59.0660, -13.3435,
33.2681

 64.9020, -11.2907,
28.1499

 70.1510, -8.9484,
23.5466

 75.8730, -7.3324,
18.5284

■ 81.7090, -5.2795,
13.4102

■ 87.5450, -3.2267,
8.2920

■ 93.3810, -1.1738,
3.1739

■ 99.1030, 0.4422,
-1.8443

Harmonies

Analogous

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



45.2760, -1.6151, 51.5009



47.5080, -17.0124, 43.4045



49.7480, -24.5258, 26.5310

Triad

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



47.5080, -17.0124, 43.4045



41.2160, -4.5435, -36.1464



43.1780, 33.4362, -37.8671

Complementary

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



47.5080, -17.0124, 43.4045



62.4920, 17.0124, -43.4045

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.



48.2330, 29.9581, -42.3003



47.5080, -17.0124, 43.4045



45.3370, 8.7079, -39.7605

Square

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



47.5080, -17.0124, 43.4045



41.4880, -20.4536, -19.7220



47.9420, 21.2276, -42.0451



53.3970, 21.4963, 11.9298

Rectangle

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



47.5080, -17.0124, 43.4045



49.0730, -24.1930, 13.0910



47.9420, 21.2276, -42.0451



45.0530, 33.0049, -39.5115

Sweetspot

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



47.5080, -17.0124, 43.4045



105.9760, -6.8902, 16.6840



45.9820, 17.7569, 44.7428



52.3280, -4.1057, 10.2363



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



47.5080, -17.0124, 43.4045



51.4630, -25.3713, 64.4919



71.5750, -28.8775, 22.2977



45.7830, -0.8790, 1.9443



45.8150, -22.5868, 58.0442



98.7620, -48.6897, 123.8657

Inverse Universe

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



62.4920, 17.0124, -43.4045



73.5370, 25.3713, -64.4919



38.4250, 28.8775, -22.2977



46.8040, 0.5896, -2.4591



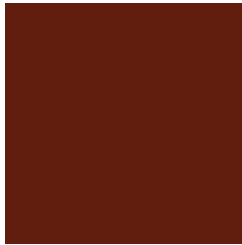
66.1850, 22.5868, -58.0442



141.2380, 48.6897, -123.8657

Previews

White Background



This preview shows how the YUV color 47.5080, -17.0124, 43.4045 looks on a white background.

Color Contrast Check

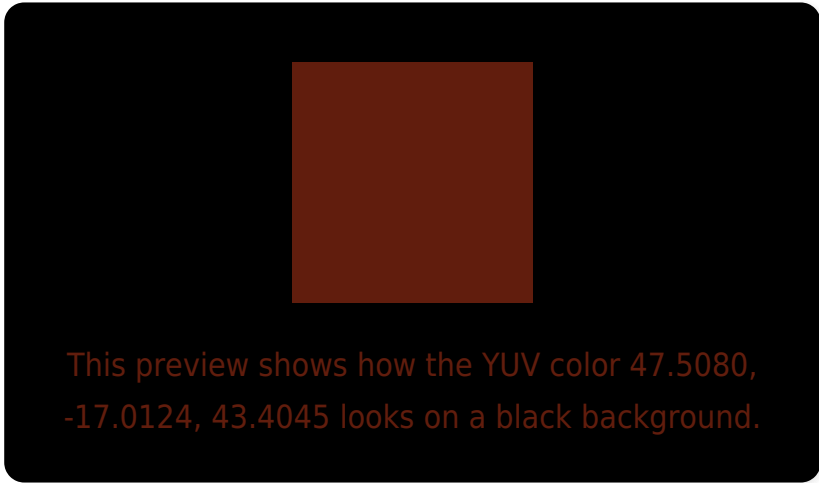
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.5080, -17.0124, 43.4045

Background



This preview shows how black text looks on a background with the YUV color 47.5080, -17.0124, 43.4045.

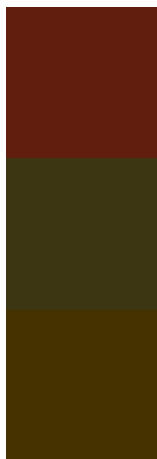


This preview shows how white text looks on a background with the YUV color 47.5080, -17.0124,

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

47.5080, -17.0124, 43.4045

Protanopia

51.8040, -16.1724, 7.1879

Deuteranopia

50.2690, -24.7826, 15.5501



Tritanopia

48.1580, -9.4449, 42.8344

Trichromacy



Original Color

47.5080, -17.0124, 43.4045

Protanomaly

50.1800, -16.3577, 20.0131

Deuteranomaly

49.4320, -21.9050, 25.9311

Tritanomaly

48.0610, -12.3551, 42.9195

Monochromacy



Original Color

47.5080, -17.0124, 43.4045

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

47.7910, -6.3060, 15.9693

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.5080, -17.0124, 43.4045 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(97, 29, 13)` looks like.

```
.text, #text, p{  
    color:rgb(97, 29, 13)  
}
```

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(97, 29, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 29, 13) }
```

Border

The CSS property to change the border of an element to YUV 47.5080, -17.0124, 43.4045 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(97, 29, 13) }
```


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

```
.border{ border-color:rgb(97, 29, 13) }
```

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

Here you see how a box with a 4 pixel rgb(97, 29, 13) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 29, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 29, 13);  
box-shadow:4px 4px 4px 4px rgb(97, 29, 13)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.5080, -17.0124, 43.4045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 29, 13) }
```

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

```
.background{ background-color: rgb(97, 29,  
13) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor