

Converting Colors

YUV(47.9780, -16.7512, 6.1583)

Have a look what the booklet for
YUV(47.9780, -16.7512, 6.1583)
contains.

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Color

**YUV(47.9780, -16.7512,
6.1583)**

Conversions

Conversions Part 1

Format	Color
Hex	37330E
RGB	55, 51, 14
RGB Percent	22%, 20%, 5%
CMY	0.7843, 0.8000, 0.9451
CMYK	0.00, 0.07, 0.75, 0.78
HSL	54°, 59%, 14%
HSV	54°, 75%, 22%
XYZ	2.8386, 3.2116, 0.8857
YIQ	47.9780, 14.2610, -10.6590

Conversions

Conversions Part 2

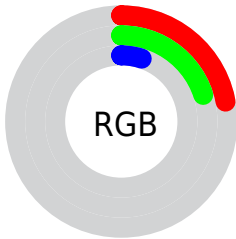
Format	Color
R_{YB}	18, 55, 14
Decimal	3617550
CIE Lab	20.87, -3.80, 23.32
CIE LCh	21, 23.625, 99.261
Yxy	3.2116, 0.4093, 0.4630
Android (android.graphics.Color)	4281807630 (0xFF37330E)
YUV	47.9780, -16.7512, 6.1583
Hunter-Lab	17.9209, -3.0875, 9.6142

Details

The YUV color **47.9780, -16.7512, 6.1583** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **21.0220, 16.7512, -6.1583**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.3480, -17.9196, 7.5878**, and **3.5220, -1.7363, -3.0888** is the 20% darker color. If you saturate the color by 10%, you get **46.8210, -18.6458, 7.1730**, and if you desaturate by 10%, it is **49.1350, -14.8566, 5.1436**.

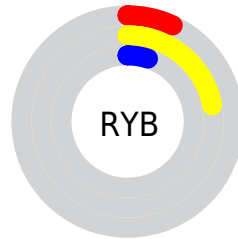
Distribution



Red (22%)

Green (20%)

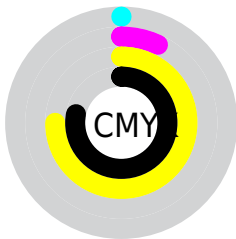
Blue (5%)



Red (7%)

Yellow (22%)

Blue (5%)

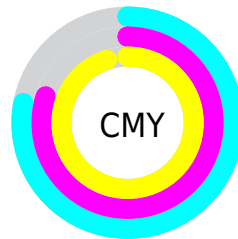


Cyan (0%)

Magenta (7%)

Yellow (75%)

Black (78%)



Cyan (78%)

Magenta (80%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.9780, -16.7512, 6.1583 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 47.9780, -16.7512, 6.1583 by changing the saturation by 10% instead.

47.9780, -16.7512,
6.1583

47.9780, -16.7512,
6.1583

253.2900, -6.5520,
1.4997

27.4770, -13.5462,
4.8437

94.3480, -17.9196,
7.5878

3.5220, -1.7363,
-3.0888

119.4190,
-18.9406, 8.4025

0.0000, 0.0000,
0.0000

145.3050,
-19.3774, 8.5025

171.7890,
-20.1090, 9.8320

199.5610,
-20.9826, 10.0320

227.4470,

-21.4194, 10.1320

■ 250.0980,
-18.7823, 4.2991

■ 47.9780, -16.7512,
6.1583

■ 47.9780, -16.7512,
6.1583

■ 46.8210, -18.6458,
7.1730

■ 49.1350, -14.8566,
5.1436

■ 46.1370, -21.2665,
7.7729

■ 49.8190, -12.2358,
4.5437

■ 45.7950, -22.5769,
8.0728

■ 50.9760, -10.3412,
3.5290

■ 51.6600, -7.7204,
2.9292

■ 52.9310, -5.3890,
1.8145

■ 53.5010, -3.2050,
1.3146

■ 54.7720, -0.8736,
0.2000

■ 55.3420, 1.3104,
-0.2999

■ 56.6130, 3.6418,
-1.4146

Harmonies

Analogous

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



49.2830, -15.9155, 18.1688



47.9780, -16.7512, 6.1583



45.5570, -11.6136, -8.3815

Triad

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



47.9780, -16.7512, 6.1583



42.2540, 14.6648, -37.0568



51.6250, 5.6079, 21.3769

Complementary

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



47.9780, -16.7512, 6.1583



21.0220, 16.7512, -6.1583

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.



51.3610, 12.6400, 5.8224



47.9780, -16.7512, 6.1583



41.6330, 19.9009, -36.5121

Square

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



47.9780, -16.7512, 6.1583



40.9030, 6.9498, -35.8719



47.5970, 17.9467, -16.3096



50.1930, -2.5601, 27.8947

Rectangle

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



47.9780, -16.7512, 6.1583



43.0870, -5.4659, -20.2473



47.5970, 17.9467, -16.3096



51.8740, 7.9501, 16.7735

Sweetspot

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



47.9780, -16.7512, 6.1583



68.7030, -6.2626, 2.0145



26.7150, -4.2965, 24.8059



34.2730, -4.0786, 1.5146



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.



47.9780, -16.7512, 6.1583



60.2960, -25.7819, 9.3874



45.5420, -15.5502, -5.7373



27.6580, -1.3104, 0.2999



76.2290, -37.5809, 13.8312



181.7070, -89.5816, 32.7060

Inverse Universe

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



21.0220, 16.7512, -6.1583



18.7040, 25.7819, -9.3874



23.4580, 15.5502, 5.7373



25.9290, 1.0210, -0.8147



15.7710, 37.5809, -13.8312



37.2930, 89.5816, -32.7060

Previews

White Background



This preview shows how the YUV color 47.9780, -16.7512, 6.1583 looks on a white background.

Color Contrast Check

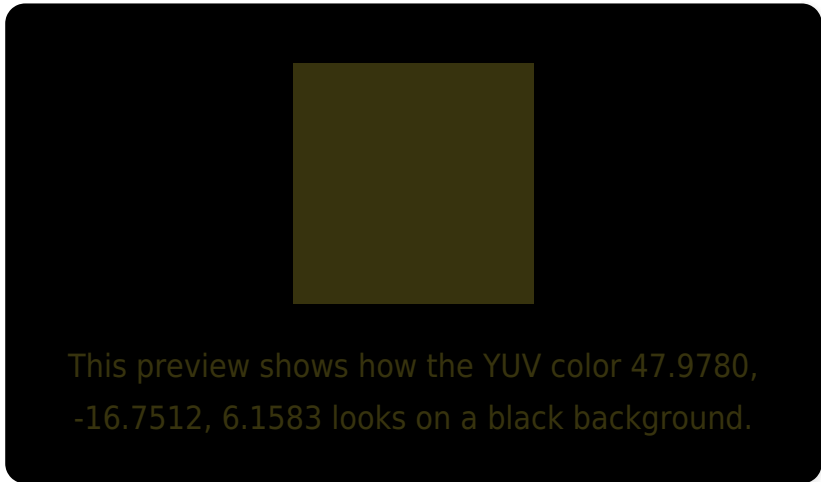
Large Text (above 18pt) WCAG AA ✓ Pass

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

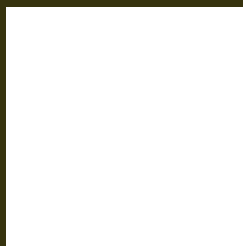
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 47.9780, -16.7512, 6.1583

Background



This preview shows how black text looks on a background with the YUV color 47.9780, -16.7512, 6.1583.

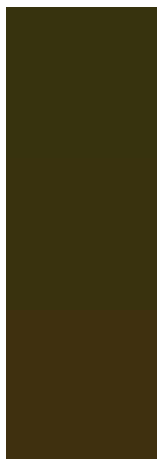


This preview shows how white text looks on a background with the YUV color 47.9780, -16.7512,

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

47.9780, -16.7512, 6.1583

Protanopia

47.9890, -16.7566, 7.9026

Deuteranopia

48.7230, -16.6254, 12.5209



Tritanopia

51.3320, -0.1637, 5.8478

Trichromacy



Original Color

47.9780, -16.7512, 6.1583

Protanomaly

47.6900, -16.6092, 7.2879

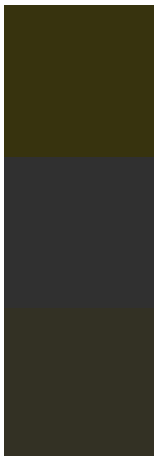
Deuteranomaly

48.4130, -16.4726, 10.1618

Tritanomaly

50.1380, -5.9840, 6.0180

Monochromacy



Original Color

47.9780, -16.7512, 6.1583

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.1160, -5.9732, 2.5293

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.9780, -16.7512, 6.1583 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(55, 51, 14)` looks like.

```
.text, #text, p{  
    color:rgb(55, 51, 14)  
}
```

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(55, 51, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 51, 14) }
```

Border

The CSS property to change the border of an element to YUV 47.9780, -16.7512, 6.1583 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(55, 51, 14) }
```


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

```
.border{ border-color:rgb(55, 51, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 51, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 51, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 51, 14);  
box-shadow:4px 4px 4px 4px rgb(55, 51, 14)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.9780, -16.7512, 6.1583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 51, 14) }
```

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

```
.background{ background-color: rgb(55, 51,  
14) }
```

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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