

Converting Colors

YUV(47.4510, -17.4773, 5.7435)

Have a look what the booklet for
YUV(47.4510, -17.4773, 5.7435)
contains.

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Color

**YUV(47.4510, -17.4773,
5.7435)**

Conversions

Conversions Part 1

Format	Color
Hex	36330C
RGB	54, 51, 12
RGB Percent	21%, 20%, 5%
CMY	0.7882, 0.8000, 0.9529
CMYK	0.00, 0.06, 0.78, 0.79
HSL	56°, 64%, 13%
HSV	56°, 78%, 21%
XYZ	2.7715, 3.1785, 0.8153
YIQ	47.4510, 14.3070, -11.4930

Conversions

Conversions Part 2

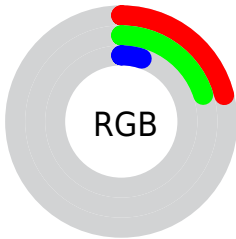
Format	Color
R_{YB}	15, 54, 12
Decimal	3552012
CIE Lab	20.74, -4.49, 24.11
CIE LCh	21, 24.520, 100.543
Yxy	3.1785, 0.4097, 0.4698
Android (android.graphics.Color)	4281742092 (0xFF36330C)
YUV	47.4510, -17.4773, 5.7435
Hunter-Lab	17.8283, -3.4506, 9.7685

Details

The YUV color **47.4510, -17.4773, 5.7435** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **18.5490, 17.4773, -5.7435**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.8210, -18.6458, 7.1730**, and **2.9350, -1.4470, -2.5740** is the 20% darker color. If you saturate the color by 10%, you get **46.8810, -19.6613, 6.2434**, and if you desaturate by 10%, it is **48.0210, -15.2934, 5.2436**.

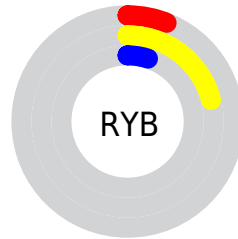
Distribution



 Red (21%)

 Green (20%)

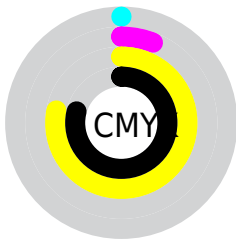
 Blue (5%)




 Red (6%)

 Yellow (21%)

 Blue (5%)

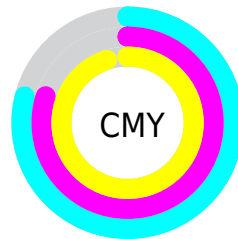


 Cyan (0%)

 Magenta (6%)

 Yellow (78%)

 Black (79%)



 Cyan (79%)

 Magenta (80%)

 Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.4510, -17.4773, 5.7435 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 47.4510, -17.4773, 5.7435 by changing the saturation by 10% instead.

■ 47.4510, -17.4773,
5.7435

■ 47.4510, -17.4773,
5.7435

■ 253.0620, -7.4256,
1.6996

■ 27.1780, -13.3988,
4.2289

■ 93.8210, -18.6458,
7.1730

■ 2.9350, -1.4470,
-2.5740

■ 118.8920,
-19.6668, 7.9877

■ 0.0000, 0.0000,
0.0000

■ 144.7780,
-20.1036, 8.0877

■ 171.2620,
-20.8352, 9.4172

■ 198.7350,
-21.5614, 9.0024

■ 226.9200,

-22.1456, 9.7172

■ 249.8700,
-19.6559, 4.4990

■ 47.4510, -17.4773,
5.7435

■ 47.4510, -17.4773,
5.7435

■ 46.8810, -19.6613,
6.2434

■ 48.0210, -15.2934,
5.2436

■ 45.6100, -21.9927,
7.3580

■ 49.2920, -12.9620,
4.1289

■ 45.4960, -22.4295,
7.4580

■ 49.8620, -10.7780,
3.6290

■ 51.1330, -8.4466,
2.5144

■ 51.7030, -6.2626,
2.0145

■ 52.2730, -4.0786,
1.5146

■ 53.5440, -1.7472,
0.3999

■ 54.1140, 0.4368,
-0.1000

■ 54.7980, 3.0576,
-0.6998

Harmonies

Analogous

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



49.0550, -16.7891, 18.3688



47.4510, -17.4773, 5.7435



44.8450, -11.7556, -9.5111

Triad

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



47.4510, -17.4773, 5.7435



42.3680, 15.1016, -37.1567



51.2230, 5.3131, 22.6064

Complementary

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



47.4510, -17.4773, 5.7435



18.5490, 17.4773, -5.7435

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.



51.6600, 12.4926, 6.4372



47.4510, -17.4773, 5.7435



41.8610, 20.7745, -36.7121

Square

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



47.4510, -17.4773, 5.7435



41.0170, 7.3866, -35.9719



47.7110, 18.3835, -16.4095



49.7910, -2.8550, 29.1243

Rectangle

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



47.4510, -17.4773, 5.7435



41.7770, -5.3131, -22.6064



47.7110, 18.3835, -16.4095



51.5860, 8.0921, 17.9031

Sweetspot

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



47.4510, -17.4773, 5.7435



68.5890, -6.6994, 2.1144



24.9000, -4.8807, 25.5207



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.



47.4510, -17.4773, 5.7435



61.1280, -27.6711, 8.6577



44.1290, -15.8396, -6.2521



27.6580, -1.3104, 0.2999



77.4030, -38.1597, 12.8016



185.2290, -91.3179, 29.6172

Inverse Universe

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



18.5490, 17.4773, -5.7435



15.4590, 27.3817, -9.1725



22.1700, 15.6922, 6.8669



25.3420, 1.3104, -0.2999



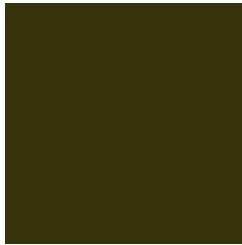
14.5970, 38.1597, -12.8016



34.3580, 91.0285, -30.1320

Previews

White Background



This preview shows how the YUV color 47.4510, -17.4773, 5.7435 looks on a white background.

Color Contrast Check

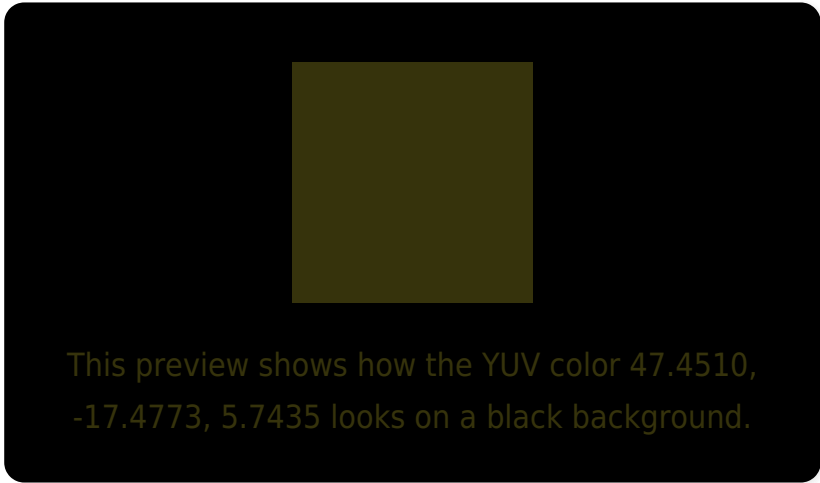
Large Text (above 18pt) WCAG AA ✓ Pass

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

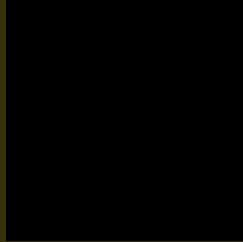
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.4510, -17.4773, 5.7435

Background



This preview shows how black text looks on a background with the YUV color 47.4510, -17.4773, 5.7435.

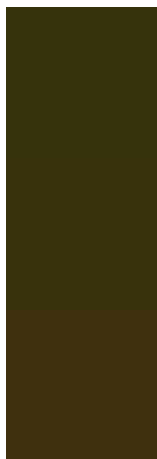


This preview shows how white text looks on a background with the YUV color 47.4510, -17.4773,

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

47.4510, -17.4773, 5.7435

Protanopia

47.4620, -17.4828, 7.4878

Deuteranopia

48.6090, -17.0622, 12.6209



Tritanopia

51.0330, -0.0163, 5.2331

Trichromacy



Original Color

47.4510, -17.4773, 5.7435

Protanomaly

47.1630, -17.3354, 6.8730

Deuteranomaly

48.1850, -17.3462, 10.3618

Tritanomaly

49.7250, -6.2734, 5.5032

Monochromacy



Original Color

47.4510, -17.4773, 5.7435

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.0020, -6.4100, 2.6292

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.4510, -17.4773, 5.7435 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, 51, 12)` looks like.

```
.text, #text, p{  
    color:rgb(54, 51, 12)  
}
```

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, 51, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 51, 12) }
```

Border

The CSS property to change the border of an element to YUV 47.4510, -17.4773, 5.7435 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, 51, 12) }
```


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

```
.border{ border-color:rgb(54, 51, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 51, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 51, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 51, 12);  
box-shadow:4px 4px 4px 4px rgb(54, 51, 12)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.4510, -17.4773, 5.7435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 51, 12) }
```

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

```
.background{ background-color: rgb(54, 51,  
12) }
```

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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