

Converting Colors

YUV(48.6780, -15.1243, -2.3486)

Have a look what the booklet for
YUV(48.6780, -15.1243, -2.3486)
contains.

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Color

**YUV(48.6780, -15.1243,
-2.3486)**

Conversions

Conversions Part 1

Format	Color
Hex	2E3812
RGB	46, 56, 18
RGB Percent	18%, 22%, 7%
CMY	0.8196, 0.7804, 0.9294
CMYK	0.18, 0.00, 0.68, 0.78
HSL	76°, 51%, 15%
HSV	76°, 68%, 22%
XYZ	2.6501, 3.4529, 1.0991
YIQ	48.6780, 6.2380, -13.9380

Conversions

Conversions Part 2

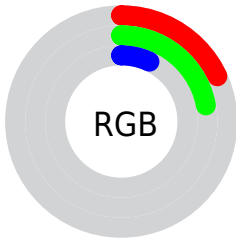
Format	Color
R_{YB}	18, 56, 28
Decimal	3029010
CIE _{Lab}	21.77, -11.20, 21.90
CIE _{LCh}	22, 24.601, 117.084
Yxy	3.4529, 0.3680, 0.4794
Android (android.graphics.Color)	4281219090 (0xFF2E3812)
YUV	48.6780, -15.1243, -2.3486
Hunter-Lab	18.5819, -7.0614, 9.5005

Details

The YUV color **48.6780, -15.1243, -2.3486** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **25.3220, 15.1243, 2.3486**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.3360, -16.4346, -2.0487**, and **7.0440, -3.4727, -6.1776** is the 20% darker color. If you saturate the color by 10%, you get **47.6950, -17.5976, -2.3635**, and if you desaturate by 10%, it is **49.6610, -12.6509, -2.3337**.

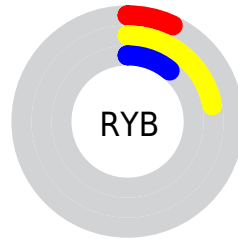
Distribution



Red (18%)

Green (22%)

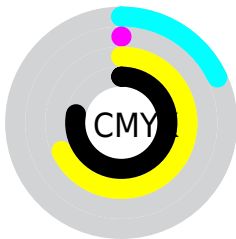
Blue (7%)



Red (7%)

Yellow (22%)

Blue (11%)

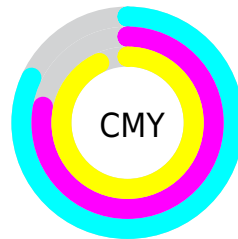


Cyan (18%)

Magenta (0%)

Yellow (68%)

Black (78%)



Cyan (82%)

Magenta (78%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.6780, -15.1243, -2.3486 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 48.6780, -15.1243, -2.3486 by changing the saturation by 10% instead.

■ 48.6780, -15.1243,
-2.3486

■ 48.6780, -15.1243,
-2.3486

■ 253.8600, -4.3680,
0.9998

■ 27.7320, -13.6719,
-1.5190

■ 95.3360, -16.4346,
-2.0487

■ 7.0440, -3.4727,
-6.1776

■ 120.1080,
-17.3082, -1.8487

■ 0.0000, 0.0000,
0.0000


■ 145.9940,
-17.7450, -1.7487


■ 172.8800,
-18.1818, -1.6488


■ 199.7660,
-18.6186, -1.5488


■ 227.6520,


-19.0554, -1.4488


 250.6680,
-16.5983, 3.7992


 48.6780, -15.1243,
-2.3486


 48.6780, -15.1243,
-2.3486


 47.6950, -17.5976,
-2.3635


 49.6610, -12.6509,
-2.3337


 46.5270, -19.4868,
-3.0932


 50.8290, -10.7617,
-1.6040

 45.5440, -21.9602,
-3.1081

 51.8120, -8.2883,
-1.5891

 45.1310, -22.2496,
-3.6229

 52.9800, -6.3991,
-0.8595

 53.9630, -3.9258,
-0.8446

■ 55.2450, -1.5998,
-0.2149

■ 56.1140, 0.4368,
-0.1000

■ 57.3960, 2.7628,
0.5297

■ 58.2650, 4.7994,
0.6446

Harmonies

Analogous

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



50.6690, -18.0778, 11.6913



48.6780, -15.1243, -2.3486



45.1580, -6.4869, -19.4326

Triad

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



48.6780, -15.1243, -2.3486



43.9810, 18.7434, -38.5713



52.5180, 1.2236, 27.6097

Complementary

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



48.6780, -15.1243, -2.3486



25.3220, 15.1243, 2.3486

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.



54.1020, 8.8237, 16.5735



48.6780, -15.1243, -2.3486



44.1110, 21.6373, -33.4233

Square

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



48.6780, -15.1243, -2.3486



43.5590, 12.0494, -38.2012



52.8160, 15.8667, -2.4696



51.9390, -7.3649, 28.9945

Rectangle

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



48.6780, -15.1243, -2.3486



40.7090, 1.1295, -35.7018



52.8160, 15.8667, -2.4696



53.1910, 3.8498, 25.2655

Sweetspot

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



48.6780, -15.1243, -2.3486



71.0940, -5.9623, -0.9594



35.2320, -8.4954, 18.2135



36.3760, -3.6364, -0.3298



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



48.6780, -15.1243, -2.3486



62.3760, -23.8494, -3.8378



43.2960, -12.4709, -13.4146



27.3590, -1.1630, -0.3148



74.3360, -36.6476, -5.5567



176.9910, -87.2566, -13.1471

Inverse Universe

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



25.3220, 15.1243, 2.3486



25.6240, 23.8494, 3.8378



31.0030, 12.3235, 14.0294



25.6410, 1.1630, 0.3148



17.6640, 36.6476, 5.5567



42.3080, 87.1092, 13.7619

Previews

White Background



This preview shows how the YUV color 48.6780, -15.1243, -2.3486 looks on a white background.

Color Contrast Check

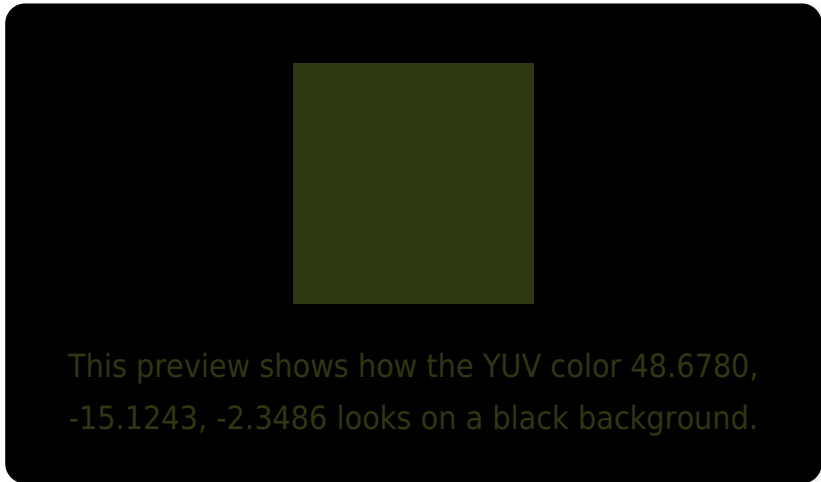
Large Text (above 18pt) WCAG AA ✓ Pass

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

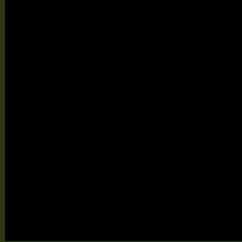
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 48.6780, -15.1243, -2.3486

Background



This preview shows how black text looks on a background with the YUV color 48.6780, -15.1243, -2.3486.



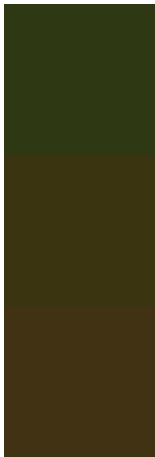
This preview shows how white text looks on a background with the YUV color 48.6780, -15.1243, -2.3486.

-2.3486.

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

48.6780, -15.1243, -2.3486

Protanopia

49.8040, -16.1724, 7.1879

Deuteranopia

51.0650, -15.3150, 12.2210



Tritanopia

51.8580, 2.0420, -1.6295

Trichromacy



Original Color

48.6780, -15.1243, -2.3486

Protanomaly

49.1950, -15.8721, 4.2140

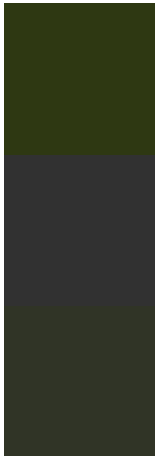
Deuteranomaly

50.0320, -15.2988, 6.9879

Tritanomaly

50.5500, -4.2151, -1.3593

Monochromacy



Original Color

48.6780, -15.1243, -2.3486

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

49.2080, -5.5255, -1.0594

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.6780, -15.1243, -2.3486 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(46, 56, 18)` looks like.

```
.text, #text, p{  
    color:rgb(46, 56, 18)  
}
```

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(46, 56, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 56, 18) }
```

Border

The CSS property to change the border of an element to YUV 48.6780, -15.1243, -2.3486 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(46, 56, 18) }
```


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

```
.border{ border-color:rgb(46, 56, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 56, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 56, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 56, 18);  
box-shadow:4px 4px 4px 4px rgb(46, 56, 18)  
}
```

Background

The CSS property to change the background color of an element to YUV 48.6780, -15.1243, -2.3486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 56, 18) }
```

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

```
.background{ background-color: rgb(46, 56,  
18) }
```

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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