

Converting Colors

YUV(46.9050, -12.7712,
-10.4407)

Have a look what the booklet for
YUV(46.9050, -12.7712, -10.4407)
contains.

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Color

**YUV(46.9050, -12.7712,
-10.4407)**

Conversions

Conversions Part 1

Format	Color
Hex	233A15
RGB	35, 58, 21
RGB Percent	14%, 23%, 8%
CMY	0.8627, 0.7725, 0.9176
CMYK	0.40, 0.00, 0.64, 0.77
HSL	97°, 47%, 15%
HSV	97°, 64%, 23%
XYZ	2.3415, 3.4376, 1.2496
YIQ	46.9050, -1.8310, -16.3830

Conversions

Conversions Part 2

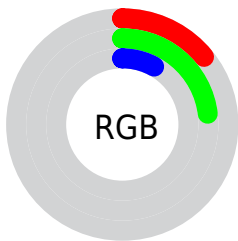
Format	Color
RYB	21, 58, 44
Decimal	2308629
CIELab	21.72, -17.09, 19.92
CIElCh	22, 26.243, 130.627
Yxy	3.4376, 0.3331, 0.4891
Android (android.graphics.Color)	4280498709 (0xFF233A15)
YUV	46.9050, -12.7712, -10.4407
Hunter-Lab	18.5407, -9.9031, 8.9826

Details

The YUV color **46.9050, -12.7712, -10.4407** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **32.0950, 12.7712, 10.4407**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.2640, -13.9342, -10.7555**, and **7.0440, -3.4727, -6.1776** is the 20% darker color. If you saturate the color by 10%, you get **45.0250, -14.8023, -12.2999**, and if you desaturate by 10%, it is **48.7850, -10.7400, -8.5814**.

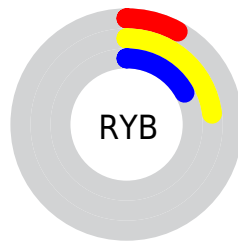
Distribution



Red (14%)

Green (23%)

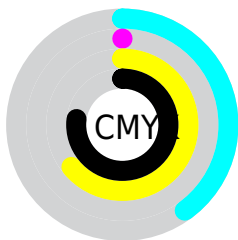
Blue (8%)



Red (8%)

Yellow (23%)

Blue (17%)

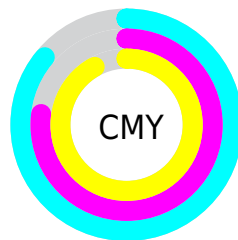


Cyan (40%)

Magenta (0%)

Yellow (64%)

Black (77%)



Cyan (86%)

Magenta (77%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.9050, -12.7712, -10.4407 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 46.9050, -12.7712, -10.4407 by changing the saturation by 10% instead.

■ 46.9050, -12.7712,
-10.4407

■ 46.9050, -12.7712,
-10.4407

■ 254.3160, -2.6208,
0.5999

■ 25.9160, -12.7766,
-8.6963

■ 93.2640, -13.9342,
-10.7555

■ 7.0440, -3.4727,
-6.1776

■ 118.7370,
-14.6603, -11.1703

■ 0.0000, 0.0000,
0.0000

■ 144.2100,
-15.3865, -11.5852


■ 171.0960,
-15.8233, -11.4852


■ 197.9820,
-16.2601, -11.3852


■ 226.5690,


-16.5495, -11.9000


 246.8240,
-13.2242, -5.1076


 46.9050, -12.7712,
-10.4407


 46.9050, -12.7712,
-10.4407


 45.0250, -14.8023,
-12.2999


 48.7850, -10.7400,
-8.5814


 43.4440, -16.9809,
-13.5444


 50.3660, -8.5614,
-7.3370

 41.6780, -18.5753,
-15.5036

 52.1320, -6.9671,
-5.3778

 40.6240, -20.0276,
-16.3332

 53.7130, -4.7885,
-4.1333

 55.5930, -2.7573,
-2.2741

■ 57.4730, -0.7262,
-0.4148

■ 59.0540, 1.4524,
0.8296

■ 60.8200, 3.0467,
2.7889

■ 62.4010, 5.2253,
4.0333

Harmonies

Analogous

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



49.1090, -18.7877, 6.0434



46.9050, -12.7712, -10.4407



40.1390, -1.0545, -35.2019

Triad

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



46.9050, -12.7712, -10.4407



44.0780, 21.6535, -38.6564



52.1010, -3.0078, 31.4834

Complementary

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



46.9050, -12.7712, -10.4407



32.0950, 12.7712, 10.4407

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.



53.3480, 5.7444, 24.2508



46.9050, -12.7712, -10.4407



49.1560, 20.1361, -18.5538

Square

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



46.9050, -12.7712, -10.4407



44.5850, 15.9806, -39.1010



53.7140, 13.9450, 7.2668



51.2010, -11.4381, 28.7647

Rectangle

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



46.9050, -12.7712, -10.4407



41.7350, 5.0606, -36.6016



53.7140, 13.9450, 7.2668



52.4860, -0.2396, 30.2688

Sweetspot

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



46.9050, -12.7712, -10.4407



72.3000, -5.0779, -4.6481



45.5640, -12.1101, 10.9064



35.4790, -3.1941, -2.1741



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.



46.9050, -12.7712, -10.4407



59.2110, -20.3170, -16.8480



43.1750, -8.9603, -19.4475



27.0600, -1.0156, -0.9296



64.4690, -31.7832, -25.8443



153.3700, -75.6114, -61.7145

Inverse Universe

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



32.0950, 12.7712, 10.4407



35.4900, 20.4644, 16.2333



35.8250, 8.9603, 19.4475



25.9400, 1.0156, 0.9296



27.5310, 31.7832, 25.8443



65.6300, 75.6114, 61.7145

Previews

White Background



This preview shows how the YUV color 46.9050, -12.7712, -10.4407 looks on a white background.

Color Contrast Check

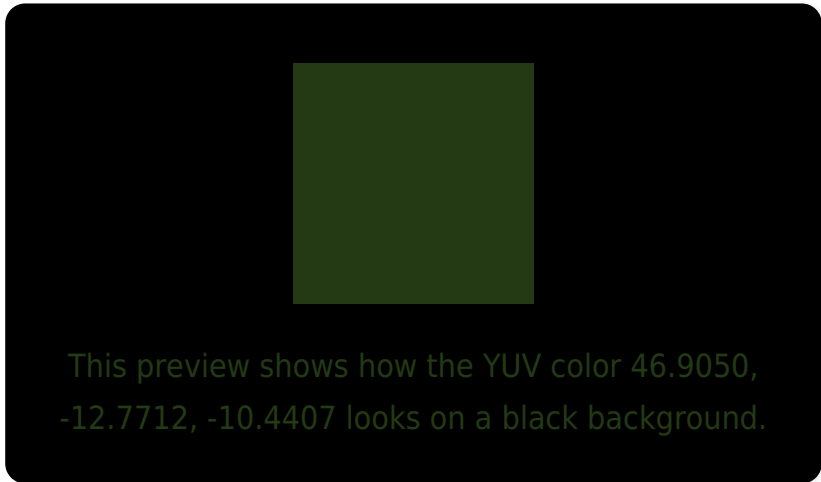
Large Text (above 18pt) WCAG AA ✓ Pass

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

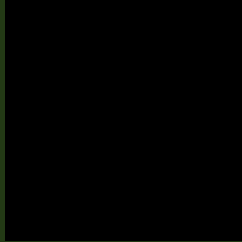
Any Text WCAG AA × Fail

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 46.9050, -12.7712, -10.4407 Background



This preview shows how black text looks on a background with the YUV color 46.9050, -12.7712, -10.4407.



This preview shows how white text looks on a background with the YUV color 46.9050, -12.7712, -10.4407.

-10.4407.

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

46.9050, -12.7712, -10.4407

Protanopia

50.0320, -15.2988, 6.9879

Deuteranopia

50.6350, -13.1311, 11.7211



Tritanopia

50.6830, 4.1003, -8.4920

Trichromacy



Original Color

46.9050, -12.7712, -10.4407

Protanomaly

48.9280, -14.2615, 0.9401

Deuteranomaly

48.9930, -12.8145, 3.5141

Tritanomaly

49.0760, -2.0095, -8.8367

Monochromacy



Original Color

46.9050, -12.7712, -10.4407

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.1260, -4.4991, -3.6185

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.9050, -12.7712, -10.4407 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(35, 58, 21)` looks like.

```
.text, #text, p{  
    color:rgb(35, 58, 21)  
}
```

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(35, 58, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 58, 21) }
```

Border

The CSS property to change the border of an element to YUV 46.9050, -12.7712, -10.4407 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(35, 58, 21) }
```


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

```
.border{ border-color:rgb(35, 58, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 58, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 58, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 58, 21);  
box-shadow:4px 4px 4px 4px rgb(35, 58, 21)  
}
```

Background

The CSS property to change the background color of an element to YUV 46.9050, -12.7712, -10.4407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 58, 21) }
```

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

```
.background{ background-color: rgb(35, 58,  
21) }
```

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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