

Converting Colors

YUV(49.0820, -17.7884,
12.2061)

Have a look what the booklet for
YUV(49.0820, -17.7884, 12.2061)
contains.

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Color

**YUV(49.0820, -17.7884,
12.2061)**

Conversions

Conversions Part 1

Format	Color
Hex	3F310D
RGB	63, 49, 13
RGB Percent	25%, 19%, 5%
CMY	0.7529, 0.8078, 0.9490
CMYK	0.00, 0.22, 0.79, 0.75
HSL	43°, 66%, 15%
HSV	43°, 79%, 25%
XYZ	3.2209, 3.2824, 0.8446
YIQ	49.0820, 19.9000, -8.2280

Conversions

Conversions Part 2

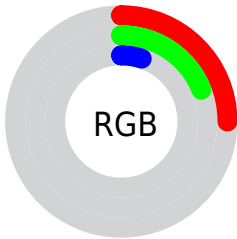
Format	Color
RYB	32, 63, 13
Decimal	4141325
CIELab	21.14, 1.71, 24.37
CIELCh	21, 24.430, 85.988
Yxy	3.2824, 0.4383, 0.4467
Android (android.graphics.Color)	4282331405 (0xFF3F310D)
YUV	49.0820, -17.7884, 12.2061
Hunter-Lab	18.1175, 0.0273, 9.9183

Details

The YUV color **49.0820, -17.7884, 12.2061** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **26.9180, 17.7884, -12.2061**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.0500, -19.2516, 14.8652**, and **5.0500, -2.4896, 5.2182** is the 20% darker color. If you saturate the color by 10%, you get **47.2240, -19.8304, 13.8356**, and if you desaturate by 10%, it is **50.9400, -15.7464, 10.5766**.

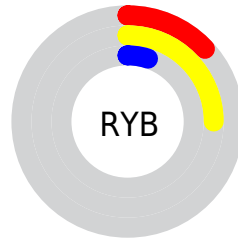
Distribution



Red (25%)

Green (19%)

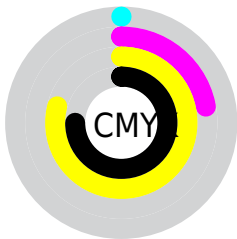
Blue (5%)



Red (13%)

Yellow (25%)

Blue (5%)

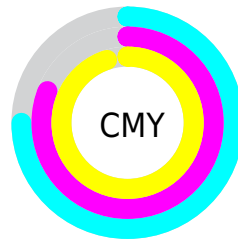


Cyan (0%)

Magenta (22%)

Yellow (79%)

Black (75%)



Cyan (75%)

Magenta (81%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.0820, -17.7884, 12.2061 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 49.0820, -17.7884, 12.2061 by changing the saturation by 10% instead.

■ 49.0820, -17.7884,
12.2061

■ 49.0820, -17.7884,
12.2061

■ 253.1760, -6.9888,
1.5996

■ 28.3960, -13.9992,
10.1767

■ 96.0500, -19.2516,
14.8652

■ 5.0500, -2.4896,
5.2182

■ 121.1210,
-20.2727, 15.6799

■ 0.0000, 0.0000,
0.0000

■ 146.7190,
-20.5675, 16.9094


■ 173.7900,
-21.5885, 17.7242


■ 200.9750,
-22.1727, 18.4389


■ 229.1600,


-22.7569, 19.1537


 249.9840,
-19.2191, 4.3990


 49.0820, -17.7884,
12.2061


 49.0820, -17.7884,
12.2061


 47.2240, -19.8304,
13.8356


 50.9400, -15.7464,
10.5766

 45.2520, -22.3092,
15.5650

 52.9120, -13.2676,
8.8472

 54.1830, -10.9362,
7.7325

 56.0410, -8.8942,
6.1030

 58.0130, -6.4154,
4.3736

■ 59.8710, -4.3734,
2.7441

■ 61.1420, -2.0420,
1.6295

■ 63.0000, 0.0000,
0.0000

■ 64.9720, 2.4788,
-1.7294

Harmonies

Analogous

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



49.7720, -14.1846, 23.0020



49.0820, -17.7884, 12.2061



47.0910, -14.8349, -1.8338

Triad

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



49.0820, -17.7884, 12.2061



42.7440, 11.4652, -37.4865



52.8030, 8.9711, 15.9588

Complementary

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



49.0820, -17.7884, 12.2061



26.9180, 17.7884, -12.2061

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.



51.4030, 15.5773, -2.9844



49.0820, -17.7884, 12.2061



43.1660, 18.1592, -37.8566

Square

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



49.0820, -17.7884, 12.2061



40.6920, 3.6028, -35.6869



41.6270, 22.3689, -34.7529



51.2190, 1.3710, 26.9949

Rectangle

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



49.0820, -17.7884, 12.2061



45.5780, -10.1450, -12.7849



41.6270, 22.3689, -34.7529



52.4540, 11.6082, 10.1258

Sweetspot

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



49.0820, -17.7884, 12.2061



76.1980, -6.9996, 5.0884



29.5460, -1.2552, 29.3392



37.2840, -4.0840, 3.2589



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



49.0820, -17.7884, 12.2061



60.1940, -27.7036, 19.1239



54.0110, -20.2184, -1.7636



30.0710, -1.0210, 0.8147



68.0220, -33.5348, 22.7827



160.2980, -79.0269, 54.1127

Inverse Universe

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



26.9180, 17.7884, -12.2061



25.8060, 27.7036, -19.1239



21.9890, 20.2184, 1.7636



28.3420, 1.3104, -0.2999



25.9780, 33.5348, -22.7827



61.7020, 79.0269, -54.1127

Previews

White Background



This preview shows how the YUV color 49.0820, -17.7884, 12.2061 looks on a white background.

Color Contrast Check

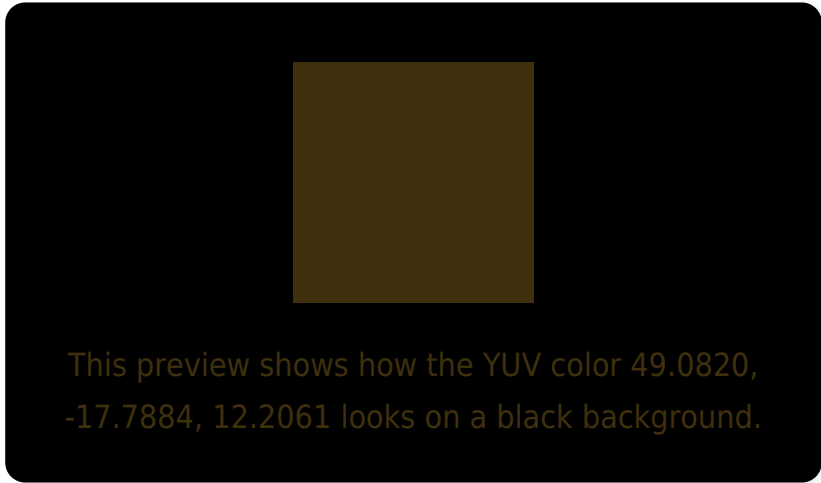
Large Text (above 18pt) WCAG AA ✓ Pass

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

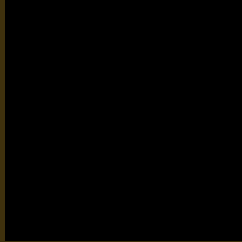
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.0820, -17.7884, 12.2061

Background



This preview shows how black text looks on a background with the YUV color 49.0820, -17.7884, 12.2061.

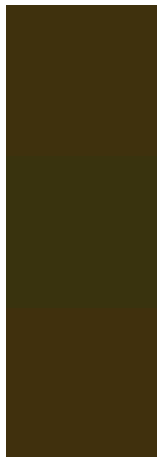


This preview shows how white text looks on a background with the YUV color 49.0820, -17.7884,

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

49.0820, -17.7884, 12.2061

Protanopia

48.5760, -17.0460, 7.3878

Deuteranopia

48.7940, -17.6464, 13.3357



Tritanopia

52.0230, -1.4903, 11.3808

Trichromacy



Original Color

49.0820, -17.7884, 12.2061

Protanomaly

48.5870, -17.0514, 9.1322

Deuteranomaly

48.7940, -17.6464, 13.3357

Tritanomaly

50.8290, -7.3107, 11.5510

Monochromacy



Original Color

49.0820, -17.7884, 12.2061

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

49.0130, -6.4154, 4.3736

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.0820, -17.7884, 12.2061 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(63, 49, 13)` looks like.

```
.text, #text, p{  
    color:rgb(63, 49, 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(63, 49, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 49, 13) }
```

Border

The CSS property to change the border of an element to YUV 49.0820, -17.7884, 12.2061 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(63, 49, 13) }
```


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

```
.border{ border-color:rgb(63, 49, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 49, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 49, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 49, 13);  
box-shadow:4px 4px 4px 4px rgb(63, 49, 13)  
}
```

Background

The CSS property to change the background color of an element to YUV 49.0820, -17.7884, 12.2061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 49, 13) }
```

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

```
.background{ background-color: rgb(63, 49,  
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](#).

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