

Converting Colors

YUV(49.0070, -17.2585,
28.9349)

Have a look what the booklet for
YUV(49.0070, -17.2585, 28.9349)
contains.

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Color

**YUV(49.0070, -17.2585,
28.9349)**

Conversions

Conversions Part 1

Format	Color
Hex	52270E
RGB	82, 39, 14
RGB Percent	32%, 15%, 5%
CMY	0.6784, 0.8471, 0.9451
CMYK	0.00, 0.52, 0.83, 0.68
HSL	22°, 71%, 19%
HSV	22°, 83%, 32%
XYZ	4.2845, 3.2766, 0.8221
YIQ	49.0070, 33.6530, 1.3410

Conversions

Conversions Part 2

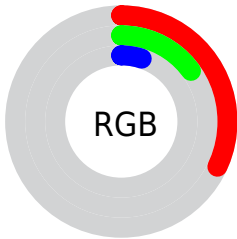
Format	Color
RYB	82, 54, 14
Decimal	5383950
CIELab	21.12, 17.95, 24.65
CIELCh	21, 30.496, 53.942
Yxy	3.2766, 0.5111, 0.3909
Android (android.graphics.Color)	4283574030 (0xFF52270E)
YUV	49.0070, -17.2585, 28.9349
Hunter-Lab	18.1013, 10.5724, 9.9782

Details

The YUV color **49.0070, -17.2585, 28.9349** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **46.9930, 17.2585, -28.9349**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.7580, -19.6007, 33.5382**, and **10.1660, -5.0118, 20.9024** is the 20% darker color. If you saturate the color by 10%, you get **45.1600, -19.3059, 32.3087**, and if you desaturate by 10%, it is **52.8540, -15.2110, 25.5610**.

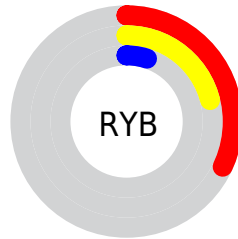
Distribution



Red (32%)

Green (15%)

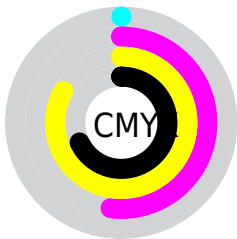
Blue (5%)



Red (32%)

Yellow (21%)

Blue (5%)

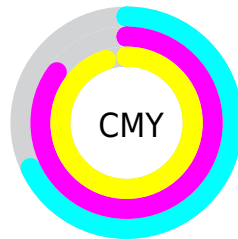


Cyan (0%)

Magenta (52%)

Yellow (83%)

Black (68%)



Cyan (68%)


Magenta (85%)


Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the YUV color 49.0070, -17.2585, 28.9349 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 49.0070, -17.2585, 28.9349 by changing the saturation by 10% instead.


 49.0070, -17.2585,
28.9349


 49.0070, -17.2585,
28.9349

 253.1760, -6.9888,
1.5996

 27.6090, -13.6112,
25.7759


 96.7580, -19.6007,
33.5382


 10.1660, -5.0118,
20.9024

 121.9540,
-20.1903, 35.9973

 0.0000, 0.0000,
0.0000

 148.3240,
-21.3587, 37.4269

 175.1070,
-22.2378, 39.3712

 202.5910,
-22.9694, 40.7007

 223.8990,

-20.1632, 27.2756

■ 244.1140,
-16.3252, 9.5470

■ 49.0070, -17.2585,
28.9349

■ 49.0070, -17.2585,
28.9349

■ 45.1600, -19.3059,
32.3087

■ 52.8540, -15.2110,
25.5610

■ 42.1280, -20.7691,
34.9677

■ 56.7010, -13.1636,
22.1872

■ 61.2490, -10.9688,
18.1986

■ 65.0960, -8.9213,
14.8248

■ 68.9430, -6.8739,
11.4510

■ 72.7900, -4.8265,
8.0772

■ 76.6370, -2.7790,
4.7034

■ 80.5980, -0.2948,
1.2296

■ 85.0320, 1.4632,
-2.6591

Harmonies

Analogous

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



49.2820, -7.5340, 36.5867



49.0070, -17.2585, 28.9349



47.9100, -23.6196, 15.8649

Triad

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



49.0070, -17.2585, 28.9349



40.9370, 2.0031, -35.9017



50.6350, 20.3929, -7.5729

Complementary

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



49.0070, -17.2585, 28.9349



46.9930, 17.2585, -28.9349

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.



43.1150, 25.5793, -37.8119



49.0070, -17.2585, 28.9349



43.5590, 12.0494, -38.2012

Square

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



49.0070, -17.2585, 28.9349



41.1420, -8.9440, -24.6805



44.5510, 20.9274, -39.0712



52.3240, 12.1653, 18.1329

Rectangle

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



49.0070, -17.2585, 28.9349



46.6590, -23.0029, 4.6841



44.5510, 20.9274, -39.0712



47.6550, 23.3411, -19.8684

Sweetspot

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



49.0070, -17.2585, 28.9349



93.9430, -6.8739, 11.4510



39.2340, 8.7586, 37.5058



45.6050, -4.2423, 7.3624



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



49.0070, -17.2585, 28.9349



54.8860, -27.0588, 45.7040



68.9650, -27.0977, 11.4317



38.7830, -0.8790, 1.9443



53.7010, -26.4746, 44.9892



119.2630, -58.7967, 98.8703

Inverse Universe

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



46.9930, 17.2585, -28.9349



52.1140, 27.0588, -45.7040



27.0350, 27.0977, -11.4317



38.6300, 1.1684, -1.4295



50.7120, 26.7640, -44.4744



112.7370, 58.7967, -98.8703

Previews

White Background



This preview shows how the YUV color 49.0070, -17.2585, 28.9349 looks on a white background.

Color Contrast Check

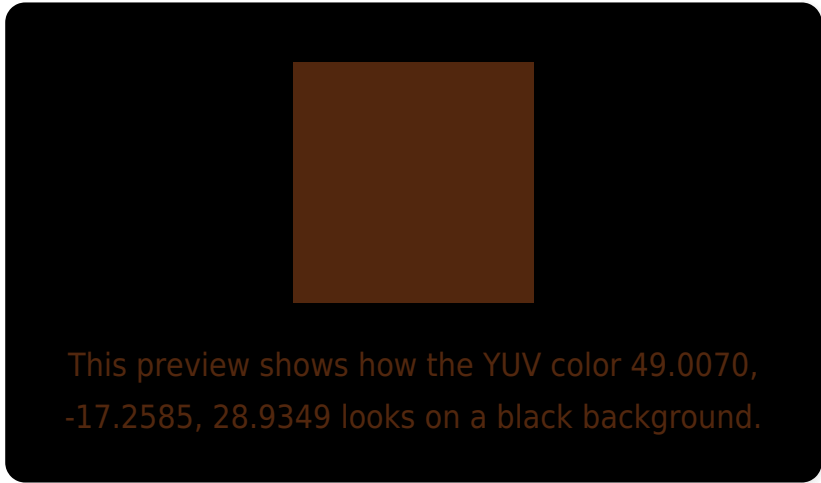
Large Text (above 18pt) WCAG AA ✓ Pass

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

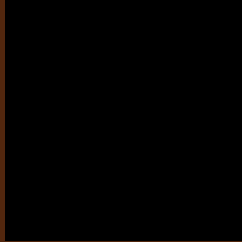
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.0070, -17.2585, 28.9349

Background



This preview shows how black text looks on a background with the YUV color 49.0070, -17.2585, 28.9349.



This preview shows how white text looks on a background with the YUV color 49.0070, -17.2585,

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

49.0070, -17.2585, 28.9349

Protanopia

49.8040, -16.1724, 7.1879

Deuteranopia

49.3380, -19.3936, 13.7356



Tritanopia

50.9820, -5.9071, 28.0798

Trichromacy



Original Color

49.0070, -17.2585, 28.9349

Protanomaly

49.4460, -16.4889, 15.3949

Deuteranomaly

48.8980, -18.6837, 19.3835

Tritanomaly

50.5430, -10.1277, 28.4648

Monochromacy



Original Color

49.0070, -17.2585, 28.9349

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

48.7580, -6.2897, 10.7362

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.0070, -17.2585, 28.9349 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(82, 39, 14)` looks like.

```
.text, #text, p{  
    color:rgb(82, 39, 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(82, 39, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 39, 14) }
```

Border

The CSS property to change the border of an element to YUV 49.0070, -17.2585, 28.9349 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(82, 39, 14) }
```


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

```
.border{ border-color:rgb(82, 39, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 39, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 39, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 39, 14);  
box-shadow:4px 4px 4px 4px rgb(82, 39, 14)  
}
```

Background

The CSS property to change the background color of an element to YUV 49.0070, -17.2585, 28.9349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 39, 14) }
```

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

```
.background{ background-color: rgb(82, 39,  
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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