

Converting Colors

YUV(49.0210, 1.4686, -4.4034)

Have a look what the booklet for
YUV(49.0210, 1.4686, -4.4034)
contains.

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Color

**YUV(49.0210, 1.4686,
-4.4034)**

Conversions

Conversions Part 1

Format	Color
Hex	2C3334
RGB	44, 51, 52
RGB Percent	17%, 20%, 20%
CMY	0.8275, 0.8000, 0.7961
CMYK	0.15, 0.02, 0.00, 0.80
HSL	187°, 8%, 19%
HSV	187°, 15%, 20%
XYZ	2.8424, 3.1511, 3.7072
YIQ	49.0210, -4.4930, -1.1730

Conversions

Conversions Part 2

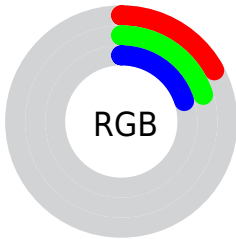
Format	Color
R_{YB}	44, 48, 52
Decimal	2896692
CIE Lab	20.64, -2.73, -1.65
CIE LCh	21, 3.190, 211.182
Yxy	3.1511, 0.2930, 0.3248
Android (android.graphics.Color)	4281086772 (0xFF2C3334)
YUV	49.0210, 1.4686, -4.4034
Hunter-Lab	17.7512, -2.4828, 0.0436

Details

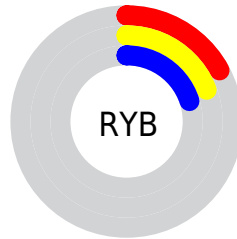
The YUV color **49.0210, 1.4686, -4.4034** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **46.9790, -1.4686, 4.4034**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.0210, 1.4686, -4.4034**, and **3.6190, 1.1738, -3.1739** is the 20% darker color. If you saturate the color by 10%, you get **46.9390, 2.4951, -6.9625**, and if you desaturate by 10%, it is **51.1030, 0.4422, -1.8443**.

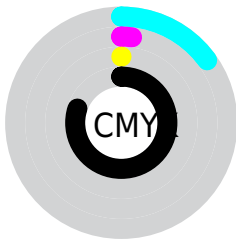
Distribution



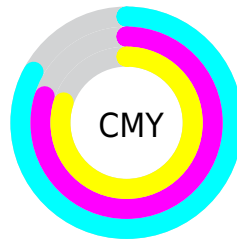
- Red (17%)
- Green (20%)
- Blue (20%)



- Red (17%)
- Yellow (19%)
- Blue (20%)



- Cyan (15%)
- Magenta (2%)
- Yellow (0%)
- Black (80%)



- Cyan (83%)
- Magenta (80%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.0210, 1.4686, -4.4034 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 49.0210, 1.4686, -4.4034 by changing the saturation by 10% instead.

■ 49.0210, 1.4686,
-4.4034

■ 49.0210, 1.4686,
-4.4034

■ 255.0000, 0.0000,
0.0000

■ 28.0210, 1.4686,
-4.4034

■ 95.0210, 1.4686,
-4.4034

■ 3.6190, 1.1738,
-3.1739

■ 119.7220, 1.6161,
-5.0182

■ 0.0000, 0.0000,
0.0000

■ 145.7220, 1.6161,
-5.0182

■ 171.8360, 2.0529,
-5.1182

■ 199.4230, 1.7635,
-5.6330

■ 227.4230, 1.7635,

-5.6330

253.5050, 0.7370,
-3.0739

49.0210, 1.4686,
-4.4034

49.0210, 1.4686,
-4.4034

46.9390, 2.4951,
-6.9625

51.1030, 0.4422,
-1.8443

45.4440, 3.2321,
-10.0364

52.5980, -0.2948,
1.2296

43.0630, 4.4059,
-13.2103

54.9790, -1.4686,
4.4034

40.9810, 5.4324,
-15.7693

57.0610, -2.4951,
6.9625

39.4860, 6.1694,
-18.8432

58.5560, -3.2321,
10.0364

■ 37.4040, 7.1958,
-21.4023

■ 60.6380, -4.2585,
12.5955

■ 35.3220, 8.2223,
-23.9614

■ 62.7200, -5.2850,
15.1546

■ 33.5280, 9.1067,
-27.6501

■ 64.5140, -6.1694,
18.8432

■ 32.9300, 9.4015,
-28.8796

■ 66.5960, -7.1958,
21.4023

Harmonies

Analogous

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



48.7930, 0.5951, -4.2035



49.0210, 1.4686, -4.4034



49.5480, 2.1948, -3.9886

Triad

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



49.0210, 1.4686, -4.4034



49.9510, 1.0102, 2.6740



50.0280, -2.4788, 1.7294

Complementary

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



49.0210, 1.4686, -4.4034



46.9790, -1.4686, 4.4034

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.



50.1530, -2.0474, 3.3738



49.0210, 1.4686, -4.4034



50.3210, -0.1583, 4.1035

Square

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



49.0210, 1.4686, -4.4034



49.8690, 2.0366, 0.1149



49.9790, -1.4686, 4.4034



49.2450, -1.5998, -0.2149

Rectangle

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



49.0210, 1.4686, -4.4034



49.5590, 2.1894, -2.2442



49.9790, -1.4686, 4.4034



49.4410, -2.1894, 2.2442

Sweetspot

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



49.0210, 1.4686, -4.4034



67.2170, 0.8790, -1.9443



48.8100, -1.8783, -4.2184



34.8150, 0.5842, -0.7148



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.



49.0210, 1.4686, -4.4034



63.9390, 2.4951, -6.9625



46.6730, 2.6262, -2.3442



24.5160, 0.7316, -1.3295



55.9320, 16.3025, -49.0524



136.2680, 39.8009, -119.5070

Inverse Universe

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



47.1900, 1.8783, 4.2184



61.1410, 2.8885, 6.8923



49.3270, -2.6262, 2.3442



24.1250, 0.4314, 1.6444



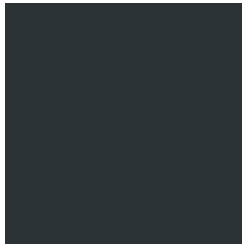
35.5030, 20.9510, 46.9169



86.5430, 51.0043, 114.4108

Previews

White Background



This preview shows how the YUV color 49.0210, 1.4686, -4.4034 looks on a white background.

Color Contrast Check

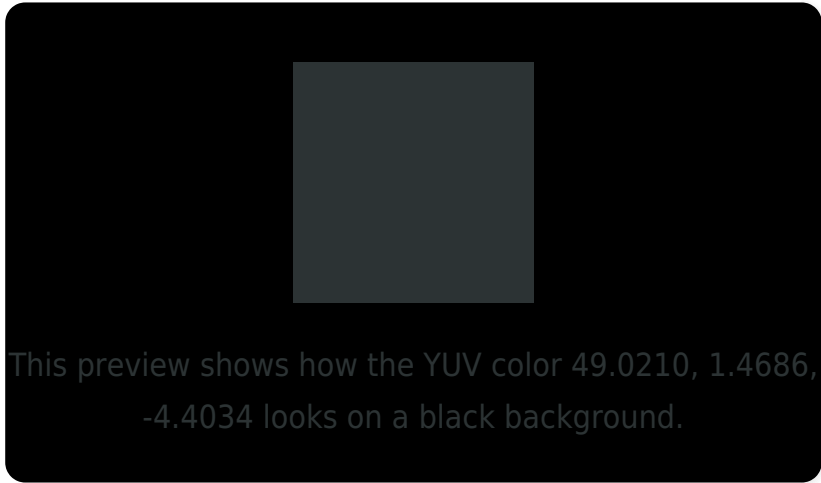
Large Text (above 18pt) WCAG AA ✓ Pass

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

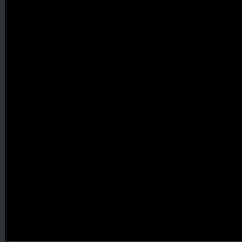
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.0210, 1.4686, -4.4034

Background



This preview shows how black text looks on a background with the YUV color 49.0210, 1.4686, -4.4034.



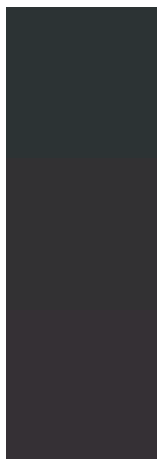
This preview shows how white text looks on a background with the YUV color 49.0210, 1.4686, -4.4034.

-4.4034.

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

49.0210, 1.4686, -4.4034

Protanopia

49.5270, 0.7262, 0.4148

Deuteranopia

50.0650, 1.4470, 2.5740



Tritanopia

49.3630, 2.7790, -4.7034

Trichromacy



Original Color

49.0210, 1.4686, -4.4034

Protanomaly

49.5160, 0.7316, -1.3295

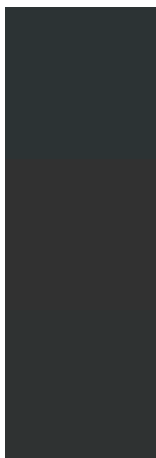
Deuteranomaly

49.7550, 1.5998, 0.2149

Tritanomaly

49.2490, 2.3422, -4.6034

Monochromacy



Original Color

49.0210, 1.4686, -4.4034

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

49.1030, 0.4422, -1.8443

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.0210, 1.4686, -4.4034 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(44, 51, 52)` looks like.

```
.text, #text, p{  
    color:rgb(44, 51, 52)  
}
```

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(44, 51, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 51, 52) }
```

Border

The CSS property to change the border of an element to YUV 49.0210, 1.4686, -4.4034 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(44, 51, 52) }
```


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

```
.border{ border-color:rgb(44, 51, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 51, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 51, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 51, 52);  
box-shadow:4px 4px 4px 4px rgb(44, 51, 52)  
}
```

Background

The CSS property to change the background color of an element to YUV 49.0210, 1.4686, -4.4034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 51, 52) }
```

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

```
.background{ background-color: rgb(44, 51,  
52) }
```

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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