

Converting Colors

YUV(49.1850, -4.0352, -12.4402)

Have a look what the booklet for
YUV(49.1850, -4.0352, -12.4402)
contains.

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Color

**YUV(49.1850, -4.0352,
-12.4402)**

Conversions

Conversions Part 1

Format	Color
Hex	233A29
RGB	35, 58, 41
RGB Percent	14%, 23%, 16%
CMY	0.8627, 0.7725, 0.8392
CMYK	0.40, 0.00, 0.29, 0.77
HSL	136°, 25%, 18%
HSV	136°, 40%, 23%
XYZ	2.6064, 3.5435, 2.6444
YIQ	49.1850, -8.2510, -10.1630

Conversions

Conversions Part 2

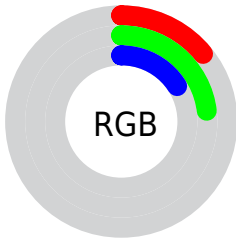
Format	Color
R_YB	35, 53, 58
Decimal	2308649
CIE Lab	22.10, -13.45, 7.77
CIE LCh	22, 15.534, 149.977
Yxy	3.5435, 0.2964, 0.4029
Android (android.graphics.Color)	4280498729 (0xFF233A29)
YUV	49.1850, -4.0352, -12.4402
Hunter-Lab	18.8243, -8.2272, 4.8480

Details

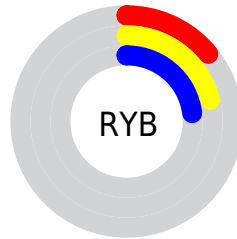
The YUV color **49.1850, -4.0352, -12.4402** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **43.8150, 4.0352, 12.4402**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.6580, -4.7614, -12.8551**, and **8.2180, -4.0515, -7.2072** is the 20% darker color. If you saturate the color by 10%, you get **46.9350, -4.8980, -15.7290**, and if you desaturate by 10%, it is **51.4350, -3.1725, -9.1515**.

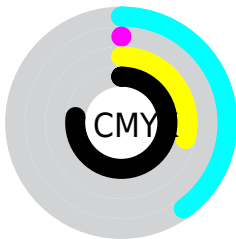
Distribution



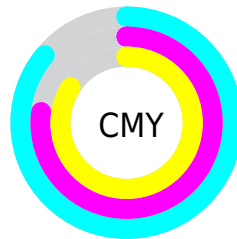
- Red (14%)
- Green (23%)
- Blue (16%)



- Red (14%)
- Yellow (21%)
- Blue (23%)



- Cyan (40%)
- Magenta (0%)
- Yellow (29%)
- Black (77%)



- Cyan (86%)
- Magenta (77%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.1850, -4.0352, -12.4402 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 49.1850, -4.0352, -12.4402 by changing the saturation by 10% instead.

■ 49.1850, -4.0352,
-12.4402

■ 49.1850, -4.0352,
-12.4402

255.0000, 0.0000,
0.0000

■ 27.7120, -3.3090,
-12.0254

■ 95.6580, -4.7614,
-12.8551

■ 8.2180, -4.0515,
-7.2072

■ 120.9460, -4.9034,
-13.9846

■ 0.0000, 0.0000,
0.0000

■ 146.5330, -5.1928,
-14.4994

■ 173.1200, -5.4822,
-15.0142

■ 200.1200, -5.4822,
-15.0142

■ 228.7070, -5.7716,

-15.5290

■ 249.3750, -2.1569,
-8.2219

■ 49.1850, -4.0352,
-12.4402

■ 49.1850, -4.0352,
-12.4402

■ 46.9350, -4.8980,
-15.7290

■ 51.4350, -3.1725,
-9.1515

■ 44.5710, -6.1975,
-18.9178

■ 53.7990, -1.8729,
-5.9627

■ 42.6200, -7.2077,
-21.5917

■ 55.7500, -0.8628,
-3.2887

■ 40.3700, -8.0704,
-24.8805

■ 58.0000, 0.0000,
0.0000

■ 38.1200, -8.9332,
-28.1692

■ 60.2500, 0.8628,
3.2887

■ 35.7560, -10.2327,
-31.3580

■ 62.6140, 2.1623,
6.4775

■ 64.8640, 3.0250,
9.7663

■ 66.8150, 4.0352,
12.4402

■ 69.1790, 5.3348,
15.6290

Harmonies

Analogous

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



51.2850, -9.0145, -2.0039



49.1850, -4.0352, -12.4402



46.8400, 2.5439, -22.6617

Triad

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



49.1850, -4.0352, -12.4402



51.4250, 12.1155, -12.6507



53.6280, -5.7326, 18.7432

Complementary

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



49.1850, -4.0352, -12.4402



43.8150, 4.0352, 12.4402

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.



54.2950, -0.6384, 18.1583



49.1850, -4.0352, -12.4402



53.8180, 9.4567, 0.1596

Square

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



49.1850, -4.0352, -12.4402



47.0490, 12.3008, -25.4760



54.4450, 5.2036, 11.0107



52.8680, -9.7949, 15.0248

Rectangle

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



49.1850, -4.0352, -12.4402



45.0610, 7.3649, -28.9945



54.4450, 5.2036, 11.0107



53.7960, -3.8434, 19.4729

Sweetspot

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



49.1850, -4.0352, -12.4402



73.2120, -1.5835, -5.4479



53.5840, -9.1619, -1.3892



36.0490, -1.0102, -2.6740



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.



49.1850, -4.0352, -12.4402



62.7450, -6.7763, -19.9474



50.4390, 0.7696, -13.5400



26.8750, -0.4314, -1.6444



56.7400, -16.1408, -49.7610



135.0510, -38.4791, -118.4397

Inverse Universe

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



43.8150, 4.0352, 12.4402



54.1410, 6.3395, 20.0473



42.5610, -0.7696, 13.5400



26.1250, 0.4314, 1.6444



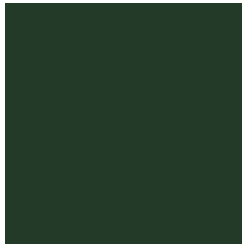
35.2600, 16.1408, 49.7610



83.9490, 38.4791, 118.4397

Previews

White Background



This preview shows how the YUV color 49.1850, -4.0352, -12.4402 looks on a white background.

Color Contrast Check

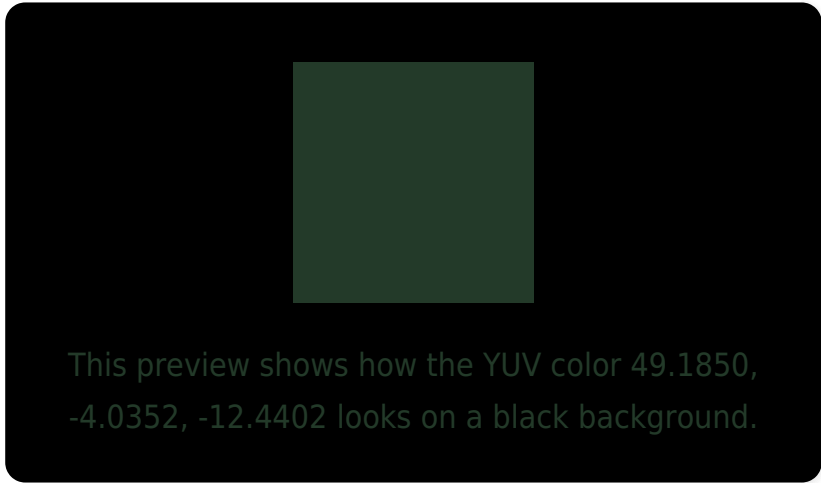
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.1850, -4.0352, -12.4402

Background



This preview shows how black text looks on a background with the YUV color 49.1850, -4.0352, -12.4402.



This preview shows how white text looks on a background with the YUV color 49.1850, -4.0352, -12.4402.

-12.4402.

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

49.1850, -4.0352, -12.4402

Protanopia

52.6000, -6.7048, 3.8588

Deuteranopia

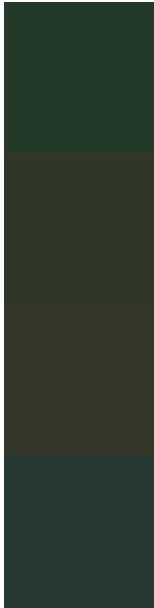
53.0780, -4.9685, 6.9476



Tritanopia

51.3730, 4.2531, -10.8511

Trichromacy



Original Color

49.1850, -4.0352, -12.4402

Protanomaly

51.4960, -5.6675, -2.1890

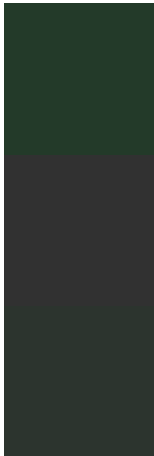
Deuteranomaly

52.0340, -4.9468, -0.0298

Tritanomaly

50.8630, 1.0535, -11.2809

Monochromacy



Original Color

49.1850, -4.0352, -12.4402

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

48.9240, -1.4415, -4.3183

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.1850, -4.0352, -12.4402 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, 41)` looks like.

```
.text, #text, p{  
    color:rgb(35, 58, 41)  
}
```

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, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 58, 41) }
```

Border

The CSS property to change the border of an element to YUV 49.1850, -4.0352, -12.4402 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, 41) }
```


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

```
.border{ border-color:rgb(35, 58, 41) }
```

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, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 58, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 58, 41);  
box-shadow:4px 4px 4px 4px rgb(35, 58, 41)  
}
```

Background

The CSS property to change the background color of an element to YUV 49.1850, -4.0352, -12.4402 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, 41) }
```

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

```
.background{ background-color: rgb(35, 58,  
41) }
```

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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