

Converting Colors

YUV(49.1850, 12.7268,
-22.0872)

Have a look what the booklet for
YUV(49.1850, 12.7268, -22.0872)
contains.

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Color

**YUV(49.1850, 12.7268,
-22.0872)**

Conversions

Conversions Part 1

Format	Color
Hex	18394B
RGB	24, 57, 75
RGB Percent	9%, 22%, 29%
CMY	0.9059, 0.7765, 0.7059
CMYK	0.68, 0.24, 0.00, 0.71
HSL	201°, 52%, 19%
HSV	201°, 68%, 29%
XYZ	3.1098, 3.6284, 7.1931
YIQ	49.1850, -25.4460, -1.3980

Conversions

Conversions Part 2

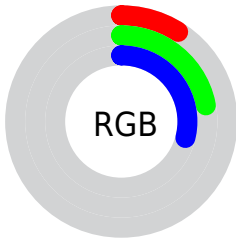
Format	Color
R_{YB}	24, 44, 75
Decimal	1587531
CIE _{Lab}	22.40, -5.61, -14.64
CIE _{LCh}	22, 15.677, 249.030
Yxy	3.6284, 0.2232, 0.2605
Android (android.graphics.Color)	4279777611 (0xFF18394B)
YUV	49.1850, 12.7268, -22.0872
Hunter-Lab	19.0485, -4.1933, -9.0551

Details

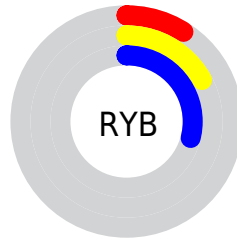
The YUV color **49.1850, 12.7268, -22.0872** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **49.8150, -12.7268, 22.0872**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.0110, 13.3056, -21.0576**, and **11.7520, 9.4893, -10.3065** is the 20% darker color. If you saturate the color by 10%, you get **45.0320, 14.7742, -25.4611**, and if you desaturate by 10%, it is **53.3380, 10.6794, -18.7134**.

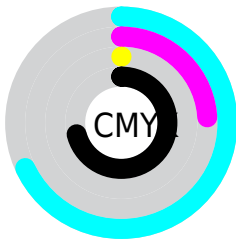
Distribution



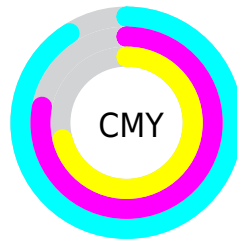
- Red (9%)
- Green (22%)
- Blue (29%)



- Red (9%)
- Yellow (17%)
- Blue (29%)



- Cyan (68%)
- Magenta (24%)
- Yellow (0%)
- Black (71%)



- Cyan (91%)
- Magenta (78%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.1850, 12.7268, -22.0872 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, 12.7268, -22.0872 by changing the saturation by 10% instead.

■ 49.1850, 12.7268,
-22.0872

■ 49.1850, 12.7268,
-22.0872

■ 255.0000, 0.0000,
0.0000

■ 27.0600, 12.2954,
-23.7316

■ 97.0110, 13.3056,
-21.0576

■ 11.7520, 9.4893,
-10.3065

■ 122.1250, 13.7424,
-21.1576

■ 0.4560, 1.7472,
-0.3999

■ 148.1250, 13.7424,
-21.1576

■ 0.0000, 0.0000,
0.0000

■ 174.9400, 14.3266,
-21.8724

■ 202.3530, 14.6160,
-21.3576

■ 230.3700, 12.1426,

-21.3725

■ 248.7210, 3.0955,
-12.9103

■ 49.1850, 12.7268,
-22.0872

■ 49.1850, 12.7268,
-22.0872

■ 45.0320, 14.7742,
-25.4611

■ 53.3380, 10.6794,
-18.7134

■ 41.7650, 16.3849,
-28.7349

■ 56.6050, 9.0687,
-15.4396

■ 37.9110, 18.2849,
-31.4939

■ 60.7580, 7.0213,
-12.0658

■ 37.3130, 18.5797,
-32.7235

■ 64.6120, 5.1213,
-9.3067

■ 68.1780, 3.3632,
-5.4181

■ 72.0320, 1.4632,
-2.6591

■ 76.1850, -0.5842,
0.7148

■ 79.4520, -2.1948,
3.9886

■ 83.6050, -4.2423,
7.3624

Harmonies

Analogous

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



45.6740, 11.0067, -30.4091



49.1850, 12.7268, -22.0872



52.6320, 11.5204, -8.4473

Triad

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



49.1850, 12.7268, -22.0872



54.8390, -2.3856, 18.5582



50.9040, -7.8407, -5.1778

Complementary

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



49.1850, 12.7268, -22.0872



49.8150, -12.7268, 22.0872

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.



52.4600, -11.0728, 4.8586



49.1850, 12.7268, -22.0872



53.8730, -7.3324, 18.5284

Square

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



49.1850, 12.7268, -22.0872



55.2990, 3.3036, 13.7698



53.3300, -10.5157, 12.8656



49.0320, -1.9878, -15.8141

Rectangle

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



49.1850, 12.7268, -22.0872



54.5190, 9.6041, -0.4552



53.3300, -10.5157, 12.8656



51.5840, -9.1619, -1.3892

Sweetspot

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



49.1850, 12.7268, -22.0872



87.2100, 4.8265, -8.0772



55.9890, -6.8966, -28.0544



42.3630, 2.7790, -4.7034



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



49.1850, 12.7268, -22.0872



56.6440, 19.8955, -34.7678



34.5100, 19.9616, -9.2173



36.2170, 0.8790, -1.9443



50.3700, 25.4536, -44.1745



113.0960, 57.6337, -99.1852

Inverse Universe

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



43.0110, 6.8966, 28.0544



46.8480, 10.9209, 43.9833



64.4900, -19.9616, 9.2173



35.5380, 0.7208, 2.1592



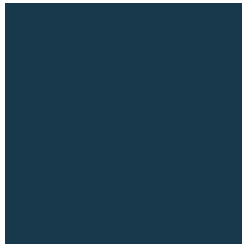
38.0220, 13.7932, 56.1087



85.6420, 30.7425, 126.6020

Previews

White Background



This preview shows how the YUV color 49.1850, 12.7268, -22.0872 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



This preview shows how the YUV color 49.1850, 12.7268, -22.0872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

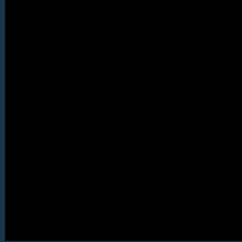
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.1850, 12.7268, -22.0872

Background



This preview shows how black text looks on a background with the YUV color 49.1850, 12.7268, -22.0872.



This preview shows how white text looks on a background with the YUV color 49.1850, 12.7268,

-22.0872.

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, 12.7268, -22.0872

Protanopia

53.6710, 9.0362, -4.9735

Deuteranopia

53.2300, 11.2256, -7.2177



Tritanopia

47.0120, 8.3751, -26.3205

Trichromacy



Original Color

49.1850, 12.7268, -22.0872

Protanomaly

51.6810, 10.5103, -11.1212

Deuteranomaly

51.4250, 12.1155, -12.6507

Tritanomaly

47.7780, 9.9694, -24.3613

Monochromacy



Original Color

49.1850, 12.7268, -22.0872

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

49.0960, 4.3897, -7.9772

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.1850, 12.7268, -22.0872 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(24, 57, 75)` looks like.

```
.text, #text, p{  
    color:rgb(24, 57, 75)  
}
```

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(24, 57, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 57, 75) }
```

Border

The CSS property to change the border of an element to YUV 49.1850, 12.7268, -22.0872 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(24, 57, 75) }
```


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

```
.border{ border-color:rgb(24, 57, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 57, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 57, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 57, 75);  
box-shadow:4px 4px 4px 4px rgb(24, 57, 75)  
}
```

Background

The CSS property to change the background color of an element to YUV 49.1850, 12.7268, -22.0872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 57, 75) }
```

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

```
.background{ background-color: rgb(24, 57,  
75) }
```

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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