

Converting Colors

YUV(51.0880, 9.8166, -22.0022)

Have a look what the booklet for
YUV(51.0880, 9.8166, -22.0022)
contains.

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Color

**YUV(51.0880, 9.8166,
-22.0022)**

Conversions

Conversions Part 1

Format	Color
Hex	1A3C47
RGB	26, 60, 71
RGB Percent	10%, 24%, 28%
CMY	0.8980, 0.7647, 0.7216
CMYK	0.63, 0.15, 0.00, 0.72
HSL	195°, 46%, 19%
HSV	195°, 63%, 28%
XYZ	3.1792, 3.9063, 6.5477
YIQ	51.0880, -23.7950, -3.7870

Conversions

Conversions Part 2

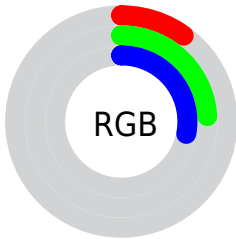
Format	Color
R_{YB}	26, 45, 71
Decimal	1719367
CIE Lab	23.36, -8.55, -10.50
CIE LCh	23, 13.538, 230.829
Yxy	3.9063, 0.2332, 0.2865
Android (android.graphics.Color)	4279909447 (0xFF1A3C47)
YUV	51.0880, 9.8166, -22.0022
Hunter-Lab	19.7643, -5.8748, -5.8071

Details

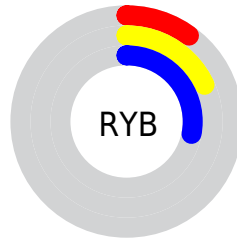
The YUV color **51.0880, 9.8166, -22.0022** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **45.9120, -9.8166, 22.0022**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.5010, 10.1060, -21.4874**, and **13.7580, 7.0213, -12.0658** is the 20% darker color. If you saturate the color by 10%, you get **47.8210, 11.4272, -25.2760**, and if you desaturate by 10%, it is **54.3550, 8.2060, -18.7283**.

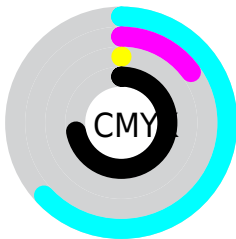
Distribution



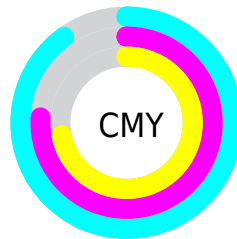
- Red (10%)
- Green (24%)
- Blue (28%)



- Red (10%)
- Yellow (18%)
- Blue (28%)



- Cyan (63%)
- Magenta (15%)
- Yellow (0%)
- Black (72%)



- Cyan (90%)
- Magenta (76%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.0880, 9.8166, -22.0022 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 51.0880, 9.8166, -22.0022 by changing the saturation by 10% instead.

■ 51.0880, 9.8166,
-22.0022

■ 51.0880, 9.8166,
-22.0022

■ 255.0000, 0.0000,
0.0000

■ 27.8920, 10.4062,
-24.4613

■ 98.5010, 10.1060,
-21.4874

■ 13.7580, 7.0213,
-12.0658

■ 124.2020, 10.2534,
-22.1022

■ 0.0000, 0.0000,
0.0000

■ 150.3160, 10.6902,
-22.2021

■ 177.0170, 10.8376,
-22.8169

■ 204.4300, 11.1270,
-22.3021

■ 232.7180, 10.9850,

-23.4317

■ 249.0200, 2.9481,
-12.2955

■ 51.0880, 9.8166,
-22.0022

■ 51.0880, 9.8166,
-22.0022

■ 47.8210, 11.4272,
-25.2760

■ 54.3550, 8.2060,
-18.7283

■ 45.1410, 12.7485,
-29.0647

■ 57.0350, 6.8847,
-14.9397

■ 41.8740, 14.3591,
-32.3385

■ 60.3020, 5.2741,
-11.6659

■ 39.7920, 15.3855,
-34.8976

■ 63.5690, 3.6635,
-8.3920

■ 67.1350, 1.9054,
-4.5034

■ 69.8150, 0.5842,
-0.7148

■ 73.0820, -1.0264,
2.5591

■ 76.3490, -2.6371,
5.8329

■ 79.6160, -4.2477,
9.1068

Harmonies

Analogous

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



50.0510, 5.8909, -22.8467



51.0880, 9.8166, -22.0022



53.9580, 10.3737, -13.9952

Triad

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



51.0880, 9.8166, -22.0022



57.0280, 0.9722, 14.8844



54.4210, -8.5886, 1.3848

Complementary

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



51.0880, 9.8166, -22.0022



45.9120, -9.8166, 22.0022

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.



55.5360, -9.6312, 9.1769



51.0880, 9.8166, -22.0022



56.4860, -3.6906, 17.1138

Square

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



51.0880, 9.8166, -22.0022



57.5370, 5.6513, 7.4221



56.3240, -8.0477, 14.6249



53.2780, -5.0671, -8.1368

Rectangle

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



51.0880, 9.8166, -22.0022



55.1870, 9.7678, -6.3030



56.3240, -8.0477, 14.6249



54.6170, -9.1782, 3.8439

Sweetspot

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



51.0880, 9.8166, -22.0022



84.2700, 3.8109, -9.0068



53.6690, -8.2178, -24.2657



40.9500, 2.4896, -5.2182



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



51.0880, 9.8166, -22.0022



61.0910, 15.2381, -34.2828



38.1740, 16.1832, -10.6766



34.2170, 0.8790, -1.9443



55.3110, 21.5387, -48.5077



126.2550, 49.6673, -110.7256

Inverse Universe

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



43.3310, 8.2178, 24.2657



48.9720, 12.8318, 37.7356



58.8260, -16.1832, 10.6766



33.5380, 0.7208, 2.1592



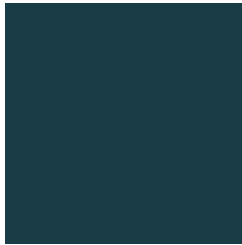
38.1510, 18.1666, 53.3646



87.3670, 41.2311, 122.4581

Previews

White Background



This preview shows how the YUV color 51.0880, 9.8166, -22.0022 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 51.0880, 9.8166, -22.0022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

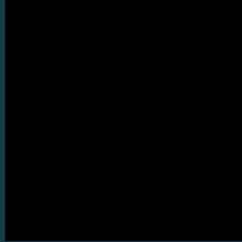
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 51.0880, 9.8166, -22.0022

Background



This preview shows how black text looks on a background with the YUV color 51.0880, 9.8166, -22.0022.



This preview shows how white text looks on a background with the YUV color 51.0880, 9.8166, -22.0022.

-22.0022.

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

51.0880, 9.8166, -22.0022

Protanopia

55.8840, 5.9732, -2.5293

Deuteranopia

56.0410, 7.8678, -3.5440



Tritanopia

50.2080, 7.7855, -23.8614

Trichromacy



Original Color

51.0880, 9.8166, -22.0022

Protanomaly

54.1820, 7.3053, -9.8066

Deuteranomaly

54.5240, 8.6157, -10.1065

Tritanomaly

50.7350, 8.5116, -23.4466

Monochromacy



Original Color

51.0880, 9.8166, -22.0022

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

50.8680, 3.5161, -7.7772

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.0880, 9.8166, -22.0022 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(26, 60, 71)` looks like.

```
.text, #text, p{  
    color:rgb(26, 60, 71)  
}
```

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(26, 60, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 60, 71) }
```

Border

The CSS property to change the border of an element to YUV 51.0880, 9.8166, -22.0022 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(26, 60, 71) }
```


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

```
.border{ border-color:rgb(26, 60, 71) }
```

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

Here you see how a box with a 4 pixel rgb(26, 60, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 60, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 60, 71);  
box-shadow:4px 4px 4px 4px rgb(26, 60, 71)  
}
```

Background

The CSS property to change the background color of an element to YUV 51.0880, 9.8166, -22.0022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 60, 71) }
```

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

```
.background{ background-color: rgb(26, 60,  
71) }
```

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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