

Converting Colors

YUV(52.7400, 10.9742,
-19.9430)

Have a look what the booklet for
YUV(52.7400, 10.9742, -19.9430)
contains.

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Color

**YUV(52.7400, 10.9742,
-19.9430)**

Conversions

Conversions Part 1

Format	Color
Hex	1E3C4B
RGB	30, 60, 75
RGB Percent	12%, 24%, 29%
CMY	0.8824, 0.7647, 0.7059
CMYK	0.60, 0.20, 0.00, 0.71
HSL	200°, 43%, 21%
HSV	200°, 60%, 29%
XYZ	3.4213, 4.0157, 7.2514
YIQ	52.7400, -22.6950, -1.6950

Conversions

Conversions Part 2

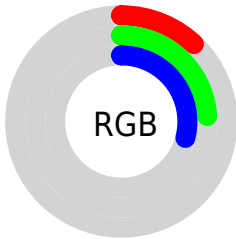
Format	Color
R_{YB}	30, 48, 75
Decimal	1981515
CIE _{Lab}	23.72, -6.13, -12.58
CIE _{LCh}	24, 13.994, 244.013
Yxy	4.0157, 0.2329, 0.2734
Android (android.graphics.Color)	4280171595 (0xFF1E3C4B)
YUV	52.7400, 10.9742, -19.9430
Hunter-Lab	20.0393, -4.5938, -7.4271

Details

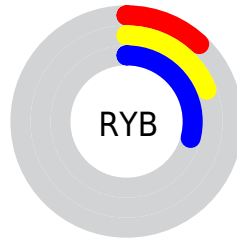
The YUV color **52.7400, 10.9742, -19.9430** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **52.2600, -10.9742, 19.9430**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.2670, 11.7004, -19.5282**, and **14.1000, 8.3317, -12.3657** is the 20% darker color. If you saturate the color by 10%, you get **49.4730, 12.5848, -23.2168**, and if you desaturate by 10%, it is **56.8930, 8.9268, -16.5692**.

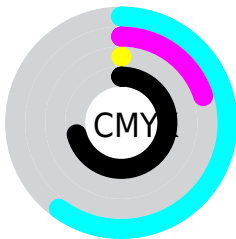
Distribution



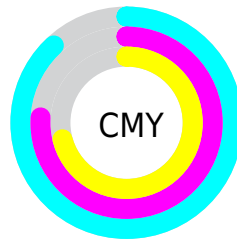
- Red (12%)
- Green (24%)
- Blue (29%)



- Red (12%)
- Yellow (19%)
- Blue (29%)



- Cyan (60%)
- Magenta (20%)
- Yellow (0%)
- Black (71%)



- Cyan (88%)
- Magenta (76%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.7400, 10.9742, -19.9430 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 52.7400, 10.9742, -19.9430 by changing the saturation by 10% instead.

■ 52.7400, 10.9742,
-19.9430

■ 52.7400, 10.9742,
-19.9430

■ 255.0000, 0.0000,
0.0000

■ 29.4300, 11.1270,
-22.3021

■ 100.2670, 11.7004,
-19.5282

■ 14.1000, 8.3317,
-12.3657

■ 125.3810, 12.1372,
-19.6281

■ 0.4560, 1.7472,
-0.3999

■ 151.9680, 11.8478,
-20.1429

■ 0.0000, 0.0000,
0.0000

■ 178.7830, 12.4320,
-20.8577

■ 206.1960, 12.7214,
-20.3429

■ 234.2130, 10.2480,

-20.3578

250.2160, 2.3585,
-9.8364

52.7400, 10.9742,
-19.9430

52.7400, 10.9742,
-19.9430

49.4730, 12.5848,
-23.2168

56.8930, 8.9268,
-16.5692

45.3200, 14.6322,
-26.5906

60.1600, 7.3161,
-13.2953

41.1670, 16.6797,
-29.9645

64.3130, 5.2687,
-9.9215

37.9000, 18.2903,
-33.2383

67.5800, 3.6581,
-6.6477

71.7330, 1.6106,
-3.2738

■ 75.0000, 0.0000,
0.0000

■ 79.1530, -2.0474,
3.3738

■ 82.4200, -3.6581,
6.6477

■ 86.5730, -5.7055,
10.0215

Harmonies

Analogous

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



51.0230, 8.3697, -24.5762



52.7400, 10.9742, -19.9430



55.6920, 10.5048, -9.3769

Triad

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



52.7400, 10.9742, -19.9430



58.0560, -1.5066, 16.6139



54.3280, -7.5567, -2.9187

Complementary

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



52.7400, 10.9742, -19.9430



52.2600, -10.9742, 19.9430

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.



55.5140, -9.6204, 5.6882



52.7400, 10.9742, -19.9430



57.5030, -6.1640, 17.0989

Square

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



52.7400, 10.9742, -19.9430



58.1030, 3.8932, 11.3107



56.6720, -9.2053, 12.5657



52.8260, -2.8722, -12.1254

Rectangle

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



52.7400, 10.9742, -19.9430



57.3940, 9.1728, -2.0995



56.6720, -9.2053, 12.5657



54.7090, -8.7305, 0.2552

Sweetspot

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



52.7400, 10.9742, -19.9430



88.0960, 4.3897, -7.9772



58.1250, -6.4706, -24.6656



43.2490, 2.3422, -4.6034



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.



52.7400, 10.9742, -19.9430



62.5690, 16.9745, -31.1940



39.8260, 17.3408, -8.6174



36.2170, 0.8790, -1.9443



51.5440, 24.8748, -45.2041



116.0310, 56.1867, -101.7592

Inverse Universe

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



46.8750, 6.4706, 24.6656



53.2880, 10.2110, 38.3354



65.7610, -17.6302, 8.1026



35.5380, 0.7208, 2.1592



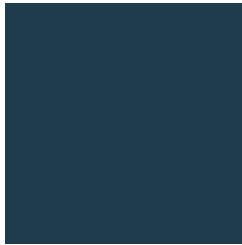
38.2500, 14.6668, 55.9087



86.2120, 32.9265, 126.1021

Previews

White Background



This preview shows how the YUV color 52.7400, 10.9742, -19.9430 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 52.7400, 10.9742, -19.9430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

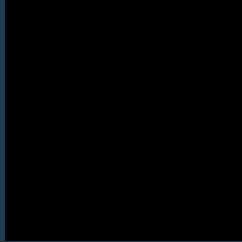
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

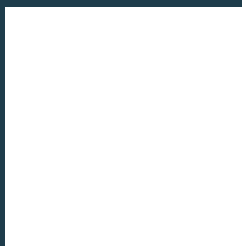
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 52.7400, 10.9742, -19.9430

Background



This preview shows how black text looks on a background with the YUV color 52.7400, 10.9742, -19.9430.



This preview shows how white text looks on a background with the YUV color 52.7400, 10.9742,

-19.9430.

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

52.7400, 10.9742, -19.9430

Protanopia

56.6280, 7.5784, -4.0588

Deuteranopia

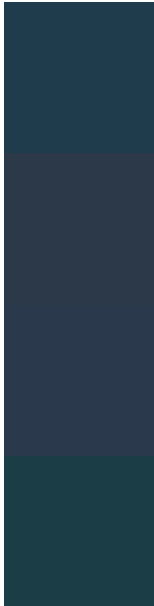
56.7850, 9.4730, -5.0734



Tritanopia

51.6920, 7.0538, -22.5319

Trichromacy



Original Color

52.7400, 10.9742, -19.9430

Protanomaly

54.9370, 8.9051, -9.5917

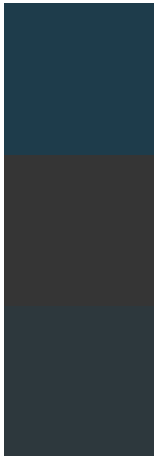
Deuteranomaly

54.9800, 10.3629, -10.5065

Tritanomaly

51.7460, 8.5062, -21.7022

Monochromacy



Original Color

52.7400, 10.9742, -19.9430

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

53.2810, 3.8055, -7.2624

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.7400, 10.9742, -19.9430 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(30, 60, 75)` looks like.

```
.text, #text, p{  
    color:rgb(30, 60, 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(30, 60, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 60, 75) }
```

Border

The CSS property to change the border of an element to YUV 52.7400, 10.9742, -19.9430 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(30, 60, 75) }
```


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

```
.border{ border-color:rgb(30, 60, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 60, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 60, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 60, 75);  
box-shadow:4px 4px 4px 4px rgb(30, 60, 75)  
}
```

Background

The CSS property to change the background color of an element to YUV 52.7400, 10.9742, -19.9430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 60, 75) }
```

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

```
.background{ background-color: rgb(30, 60,  
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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