

Converting Colors

YUV(51.4440, 19.9941,
-19.6834)

Have a look what the booklet for
YUV(51.4440, 19.9941, -19.6834)
contains.

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Color

**YUV(51.4440, 19.9941,
-19.6834)**

Conversions

Conversions Part 1

Format	Color
Hex	1D375C
RGB	29, 55, 92
RGB Percent	11%, 22%, 36%
CMY	0.8863, 0.7843, 0.6392
CMYK	0.68, 0.40, 0.00, 0.64
HSL	215°, 52%, 24%
HSV	215°, 68%, 36%
XYZ	3.8047, 3.7663, 10.6517
YIQ	51.4440, -27.3730, 5.9950

Conversions

Conversions Part 2

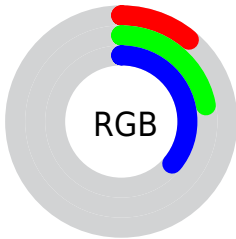
Format	Color
RYB	29, 47, 92
Decimal	1914716
CIELab	22.88, 3.44, -25.11
CIELCh	23, 25.349, 277.797
Yxy	3.7663, 0.2088, 0.2067
Android (android.graphics.Color)	4280104796 (0xFF1D375C)
YUV	51.4440, 19.9941, -19.6834
Hunter-Lab	19.4069, 1.0320, -18.9569




Details

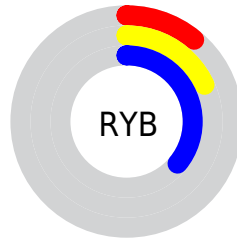
The YUV color **51.4440, 19.9941, -19.6834** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **69.5560, -19.9941, 19.6834**, and the grayscale version is **51.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **99.5090, 21.4411, -17.1094**, and **11.7010, 16.9094, -10.2618** is the 20% darker color. If you saturate the color by 10%, you get **45.8180, 22.7677, -22.6424**, and if you desaturate by 10%, it is **57.0700, 17.2205, -16.7244**.

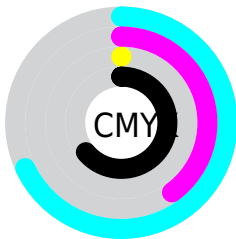
Distribution







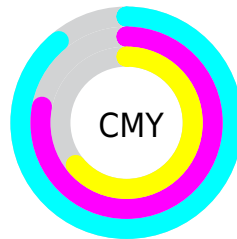
-  Red (11%)
-  Green (22%)
-  Blue (36%)






-  Red (11%)
-  Yellow (18%)
-  Blue (36%)



-  Cyan (68%)
-  Magenta (40%)
-  Yellow (0%)
-  Black (64%)



-  Cyan (89%)
-  Magenta (78%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.4440, 19.9941, -19.6834 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 51.4440, 19.9941, -19.6834 by changing the saturation by 10% instead.

■ 51.4440, 19.9941,
-19.6834

■ 51.4440, 19.9941,
-19.6834

■ 255.0000, 0.0000,
0.0000

■ 27.7100, 19.8630,
-24.3017

■ 99.5090, 21.4411,
-17.1094

■ 11.7010, 16.9094,
-10.2618

■ 124.9220, 21.7305,
-16.5946

■ 3.4370, 10.6306,
-3.0142

■ 151.0360, 22.1673,
-16.6946

■ 0.0000, 0.0000,
0.0000

■ 178.1500, 22.6041,
-16.7945

■ 205.6770, 23.3302,
-16.3797

■ 231.3000, 11.6841,

-14.2951

251.7110, 1.6215,
-6.7625

51.4440, 19.9941,
-19.6834

51.4440, 19.9941,
-19.6834

45.8180, 22.7677,
-22.6424

57.0700, 17.2205,
-16.7244

39.6050, 25.8307,
-25.0866

63.2830, 14.1575,
-14.2802

33.6800, 28.7518,
-28.6604

69.2080, 11.2365,
-10.7064

32.7940, 29.1886,
-28.7603

75.4210, 8.1734,
-8.2622

81.0470, 5.3998,
-5.3032

■ 86.6730, 2.6262,
-2.3442

■ 92.8860, -0.4368,
0.1000

■ 98.8110, -3.3578,
3.6738

■ 105.0240, -6.4208,
6.1180

Harmonies

Analogous

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



45.3660, 21.5116, -39.7860



51.4440, 19.9941, -19.6834



56.4040, 14.0978, 4.9077

Triad

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



51.4440, 19.9941, -19.6834



54.3150, -11.0013, 28.6647



44.5310, -2.2338, -30.2837

Complementary

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



51.4440, 19.9941, -19.6834



69.5560, -19.9941, 19.6834

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.



50.1010, -13.3608, -7.9816



51.4440, 19.9941, -19.6834



53.9520, -17.2313, 20.2131

Square

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



51.4440, 19.9941, -19.6834



54.6170, -2.2762, 30.1539



52.2340, -18.3564, 7.6878



44.2940, 7.2501, -38.8458

Rectangle

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



51.4440, 19.9941, -19.6834



56.5150, 9.1131, 17.0883



52.2340, -18.3564, 7.6878



47.1470, -6.4815, -21.1769

Sweetspot

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



51.4440, 19.9941, -19.6834



103.7200, 8.0260, -7.6474



70.1990, -2.0701, -36.1315



51.2320, 4.8156, -4.5885



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



51.4440, 19.9941, -19.6834



56.6520, 31.2306, -30.3898



37.6770, 26.7812, -3.2247



42.7440, 1.6052, -1.5295



38.9550, 35.0252, -34.1635



84.5440, 75.1608, -74.1451

Inverse Universe

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



50.8010, 2.0701, 36.1315



55.8620, 3.0260, 56.2490



83.3230, -26.7812, 3.2247



42.7230, 0.1366, 2.8739



38.0200, 3.4411, 63.1265



82.0350, 7.8707, 135.9043

Previews

White Background



This preview shows how the YUV color 51.4440, 19.9941, -19.6834 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 51.4440, 19.9941, -19.6834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

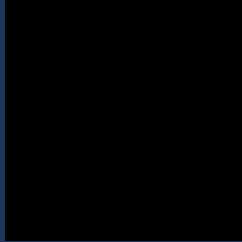
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 51.4440, 19.9941, -19.6834

Background



This preview shows how black text looks on a background with the YUV color 51.4440, 19.9941, -19.6834.



This preview shows how white text looks on a background with the YUV color 51.4440, 19.9941,

-19.6834.

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

51.4440, 19.9941, -19.6834

Protanopia

53.0320, 18.2252, -12.3061

Deuteranopia

51.4440, 19.9941, -19.6834



Tritanopia

45.1250, 10.2914, -34.3126

Trichromacy



Original Color

51.4440, 19.9941, -19.6834

Protanomaly

52.5370, 18.9623, -15.3799

Deuteranomaly

51.4440, 19.9941, -19.6834

Tritanomaly

47.3690, 13.6221, -29.2646

Monochromacy



Original Color

51.4440, 19.9941, -19.6834

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

50.9050, 7.4418, -6.9327

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.4440, 19.9941, -19.6834 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(29, 55, 92)` looks like.

```
.text, #text, p{  
    color:rgb(29, 55, 92)  
}
```

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(29, 55, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 55, 92) }
```

Border

The CSS property to change the border of an element to YUV 51.4440, 19.9941, -19.6834 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(29, 55, 92) }
```


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

```
.border{ border-color:rgb(29, 55, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 55, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 55, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 55, 92);  
box-shadow:4px 4px 4px 4px rgb(29, 55, 92)  
}
```

Background

The CSS property to change the background color of an element to YUV 51.4440, 19.9941, -19.6834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 55, 92) }
```

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

```
.background{ background-color: rgb(29, 55,  
92) }
```

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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