

Converting Colors

YUV(75.3980, 9.6638, -19.6430)

Have a look what the booklet for
YUV(75.3980, 9.6638, -19.6430)
contains.

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Color

**YUV(75.3980, 9.6638,
-19.6430)**

Conversions

Conversions Part 1

Format	Color
Hex	35535F
RGB	53, 83, 95
RGB Percent	21%, 33%, 37%
CMY	0.7922, 0.6745, 0.6275
CMYK	0.44, 0.13, 0.00, 0.63
HSL	197°, 28%, 29%
HSV	197°, 44%, 37%
XYZ	6.6270, 7.7696, 11.9769
YIQ	75.3980, -21.7320, -2.6280

Conversions

Conversions Part 2

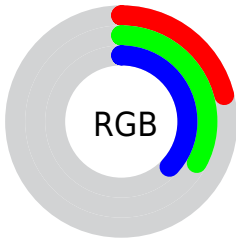
Format	Color
R_{YB}	53, 71, 95
Decimal	3494751
CIE Lab	33.50, -7.56, -10.49
CIE LCh	33, 12.928, 234.200
Yxy	7.7696, 0.2513, 0.2946
Android (android.graphics.Color)	4281684831 (0xFF35535F)
YUV	75.3980, 9.6638, -19.6430
Hunter-Lab	27.8740, -6.3414, -5.9638

Details

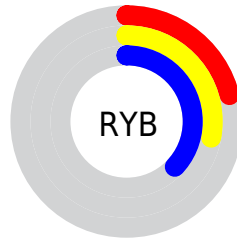
The YUV color **75.3980, 9.6638, -19.6430** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **72.6020, -9.6638, 19.6430**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.5120, 10.1006, -19.7430**, and **29.0880, 9.8166, -22.0022** is the 20% darker color. If you saturate the color by 10%, you get **70.9460, 11.8586, -23.6316**, and if you desaturate by 10%, it is **80.1490, 7.3215, -15.0397**.

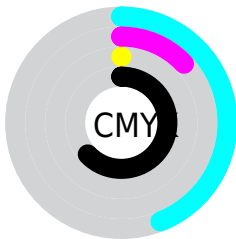
Distribution



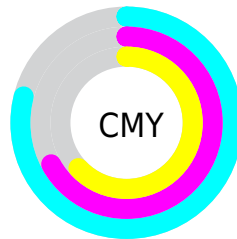
- Red (21%)
- Green (33%)
- Blue (37%)



- Red (21%)
- Yellow (28%)
- Blue (37%)



- Cyan (44%)
- Magenta (13%)
- Yellow (0%)
- Black (63%)



- Cyan (79%)
- Magenta (67%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.3980, 9.6638, -19.6430 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 75.3980, 9.6638, -19.6430 by changing the saturation by 10% instead.

■ 75.3980, 9.6638,
-19.6430

■ 75.3980, 9.6638,
-19.6430

■ 255.0000, 0.0000,
0.0000

■ 51.9850, 9.3744,
-20.1578

■ 124.5120, 10.1006,
-19.7430

■ 29.0880, 9.8166,
-22.0022

■ 151.2130, 10.2480,
-20.3578

■ 13.7580, 7.0213,
-12.0658

■ 177.9140, 10.3954,
-20.9726

■ 0.0000, 0.0000,
0.0000

■ 205.0280, 10.8322,
-21.0726

■ 233.6150, 10.5428,
-21.5874

■ 249.9170, 2.5059,

-10.4512

■ 75.3980, 9.6638,
-19.6430

■ 75.3980, 9.6638,
-19.6430

■ 70.9460, 11.8586,
-23.6316

■ 80.1490, 7.3215,
-15.0397

■ 66.7820, 13.9115,
-28.7498

■ 84.0140, 5.4161,
-10.5363

■ 62.0310, 16.2537,
-33.3532

■ 88.7650, 3.0739,
-5.9329

■ 57.5790, 18.4486,
-37.3418

■ 93.2170, 0.8790,
-1.9443

■ 52.8280, 20.7908,
-41.9452

■ 97.9680, -1.4632,
2.6591

■ 50.7460, 21.8172,
-44.5042

■ 101.8330, -3.3687,
7.1625

■ 106.5840, -5.7109,
11.7658

■ 111.0360, -7.9057,
15.7544

■ 115.2000, -9.9586,
20.8726

Harmonies

Analogous

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



74.1760, 6.3222, -21.2024



75.3980, 9.6638, -19.6430



77.3820, 10.6577, -11.7360

Triad

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



75.3980, 9.6638, -19.6430



80.8000, 0.0986, 15.0844



77.7090, -8.7305, 0.2552

Complementary

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



75.3980, 9.6638, -19.6430



72.6020, -9.6638, 19.6430

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.



78.2370, -9.4838, 8.5622



75.3980, 9.6638, -19.6430



80.2580, -4.5642, 17.3137

Square

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



75.3980, 9.6638, -19.6430



80.7220, 5.0671, 8.1368



79.3240, -8.0477, 14.6249



76.0930, -4.4828, -8.8516

Rectangle

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



75.3980, 9.6638, -19.6430



78.7850, 9.4730, -5.0734



79.3240, -8.0477, 14.6249



77.9050, -9.3202, 2.7143

Sweetspot

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



75.3980, 9.6638, -19.6430



114.8680, 3.5161, -7.7772



79.0220, -6.9128, -22.8213



56.2490, 2.3422, -4.6034



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.



75.3980, 9.6638, -19.6430



92.2980, 14.6431, -30.0793



63.0710, 15.7410, -8.8323



46.2170, 0.8790, -1.9443



59.7280, 25.7701, -52.3815



127.7370, 55.3457, -112.0253

Inverse Universe

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



68.9780, 6.9128, 22.8213



82.3800, 10.6587, 34.7467



84.9290, -15.7410, 8.8323



45.5380, 0.7208, 2.1592



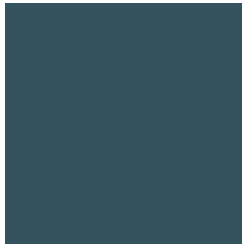
42.6080, 18.4343, 60.8568



91.2540, 39.3148, 130.4502

Previews

White Background



This preview shows how the YUV color 75.3980, 9.6638, -19.6430 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 75.3980, 9.6638, -19.6430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

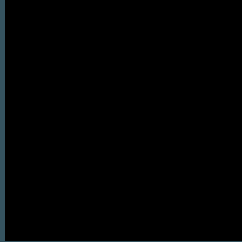
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.3980, 9.6638, -19.6430

Background



This preview shows how black text looks on a background with the YUV color 75.3980, 9.6638, -19.6430.



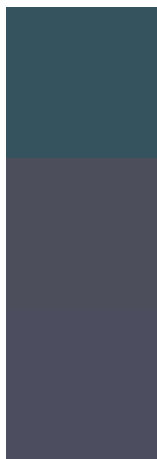
This preview shows how white text looks on a background with the YUV color 75.3980, 9.6638, -19.6430.

-19.6430.

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

75.3980, 9.6638, -19.6430

Protanopia

78.9980, 6.4100, -2.6292

Deuteranopia

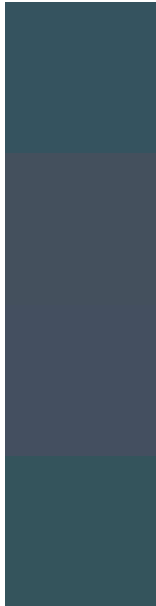
79.1660, 8.2992, -1.8996



Tritanopia

75.2300, 7.7746, -20.3727

Trichromacy



Original Color

75.3980, 9.6638, -19.6430

Protanomaly

77.8940, 7.4473, -8.6770

Deuteranomaly

77.6490, 9.0470, -8.4622

Tritanomaly

75.3440, 8.2114, -20.4727

Monochromacy



Original Color

75.3980, 9.6638, -19.6430

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.1670, 3.3687, -7.1625

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.3980, 9.6638, -19.6430 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(53, 83, 95)` looks like.

```
.text, #text, p{  
    color:rgb(53, 83, 95)  
}
```

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(53, 83, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 83, 95) }
```

Border

The CSS property to change the border of an element to YUV 75.3980, 9.6638, -19.6430 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(53, 83, 95) }
```


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

```
.border{ border-color:rgb(53, 83, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 83, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 83, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 83, 95);  
box-shadow:4px 4px 4px 4px rgb(53, 83, 95)  
}
```

Background

The CSS property to change the background color of an element to YUV 75.3980, 9.6638, -19.6430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 83, 95) }
```

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

```
.background{ background-color: rgb(53, 83,  
95) }
```

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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