

Converting Colors

YUV(103.3980, 9.6638,
-19.6430)

Have a look what the booklet for
YUV(103.3980, 9.6638, -19.6430)
contains.

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Color

**YUV(103.3980, 9.6638,
-19.6430)**

Conversions

Conversions Part 1

Format	Color
Hex	516F7B
RGB	81, 111, 123
RGB Percent	32%, 44%, 48%
CMY	0.6824, 0.5647, 0.5176
CMYK	0.34, 0.10, 0.00, 0.52
HSL	197°, 21%, 40%
HSV	197°, 34%, 48%
XYZ	12.6529, 14.5483, 20.8801
YIQ	103.3980, -21.7320, -2.6280

Conversions

Conversions Part 2

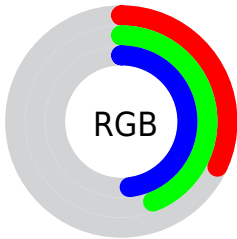
Format	Color
R_{YB}	81, 99, 123
Decimal	5336955
CIE _{Lab}	45.01, -7.67, -10.14
CIE _{LCh}	45, 12.717, 232.914
Yxy	14.5483, 0.2632, 0.3026
Android (android.graphics.Color)	4283527035 (0xFF516F7B)
YUV	103.3980, 9.6638, -19.6430
Hunter-Lab	38.1422, -7.5349, -5.7575

Details

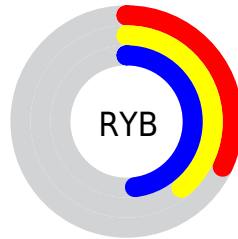
The YUV color **103.3980, 9.6638, -19.6430** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **100.6020, -9.6638, 19.6430**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.0990, 9.8112, -20.2578**, and **55.2840, 9.2270, -19.5431** is the 20% darker color. If you saturate the color by 10%, you get **97.4620, 12.5902, -24.9612**, and if you desaturate by 10%, it is **109.3340, 6.7373, -14.3249**.

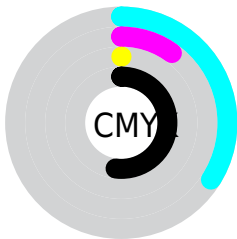
Distribution



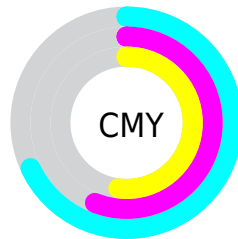
- Red (32%)
- Green (44%)
- Blue (48%)



- Red (32%)
- Yellow (39%)
- Blue (48%)



- Cyan (34%)
- Magenta (10%)
- Yellow (0%)
- Black (52%)



- Cyan (68%)
- Magenta (56%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.3980, 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 103.3980, 9.6638, -19.6430 by changing the saturation by 10% instead.

■ 103.3980, 9.6638,
-19.6430

■ 103.3980, 9.6638,
-19.6430

■ 255.0000, 0.0000,
0.0000

■ 79.2840, 9.2270,
-19.5431

■ 155.0990, 9.8112,
-20.2578

■ 55.2840, 9.2270,
-19.5431

■ 181.9140, 10.3954,
-20.9726

■ 32.3870, 9.6692,
-21.3874

■ 209.3270, 10.6848,
-20.4578

■ 15.8610, 7.4635,
-13.9101

■ 237.4580, 8.6482,
-20.5727

■ 0.4560, 1.7472,
-0.3999

■ 251.1130, 1.9163,
-7.9921

■ 0.0000, 0.0000,
0.0000

■ 103.3980, 9.6638,
-19.6430

■ 103.3980, 9.6638,
-19.6430

■ 97.4620, 12.5902,
-24.9612

■ 109.3340, 6.7373,
-14.3249

■ 91.8140, 15.3747,
-31.4089

■ 114.9820, 3.9529,
-7.8772

■ 85.8780, 18.3011,
-36.7270

■ 120.9180, 1.0264,
-2.5591

■ 80.5290, 20.9382,
-42.5599

■ 126.2670, -1.6106,
3.2738

■ 74.2940, 24.0121,
-48.4928

■ 132.5020, -4.6845,
9.2067

■ 68.9450, 26.6491,
-54.3258

■ 137.8510, -7.3215,
15.0397

■ 65.6780, 28.2597,
-57.5996

■ 143.7870,
-10.2480, 20.3578

■ 149.1360,

-12.8850, 26.1907

■ 155.3710,
-15.9589, 32.1236

Harmonies

Analogous

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



102.6490, 5.5960, -21.6172



103.3980, 9.6638, -19.6430



105.0830, 10.8051, -12.3508

Triad

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



103.3980, 9.6638, -19.6430



108.2130, 0.3880, 15.5992



105.0080, -8.8779, 0.8700

Complementary

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



103.3980, 9.6638, -19.6430



100.6020, -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.



106.4220, -10.0680, 9.2769



103.3980, 9.6638, -19.6430



107.9700, -4.4222, 18.4433

Square

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



103.3980, 9.6638, -19.6430



108.1350, 5.3564, 8.6516



107.5090, -8.6319, 15.3396



103.8650, -5.3564, -8.6516

Rectangle

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



103.3980, 9.6638, -19.6430



106.8990, 9.9098, -5.1734



107.5090, -8.6319, 15.3396



105.5030, -9.6150, 3.9439

Sweetspot

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



103.3980, 9.6638, -19.6430



153.2810, 3.8055, -7.2624



107.0220, -6.9128, -22.8213



77.2490, 2.3422, -4.6034



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



103.3980, 9.6638, -19.6430



130.1130, 15.2273, -30.7941



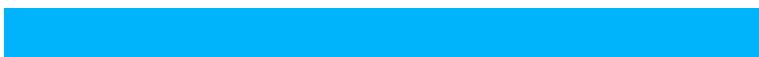
91.0710, 15.7410, -8.8323



58.0320, 1.4632, -2.6591



66.4930, 28.8440, -58.3144



134.3880, 57.9827, -117.8583

Inverse Universe

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



96.9780, 6.9128, 22.8213



120.0920, 10.8006, 35.8763



112.9290, -15.7410, 8.8323



57.2500, 0.8628, 3.2887



47.5210, 20.4491, 67.9491



95.8680, 41.4771, 136.9278

Previews

White Background



This preview shows how the YUV color 103.3980, 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 × Fail

Black Background



This preview shows how the YUV color 103.3980, 9.6638, -19.6430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

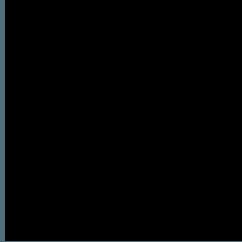
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.3980, 9.6638, -19.6430

Background



This preview shows how black text looks on a background with the YUV color 103.3980, 9.6638, -19.6430.



This preview shows how white text looks on a background with the YUV color 103.3980, 9.6638,

-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

103.3980, 9.6638, -19.6430

Protanopia

106.2970, 6.2626, -2.0145

Deuteranopia

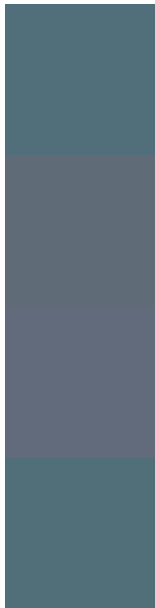
107.5900, 8.5831, 0.3596



Tritanopia

102.7570, 8.5008, -19.9579

Trichromacy



Original Color

103.3980, 9.6638, -19.6430

Protanomaly

105.1930, 7.2999, -8.0623

Deuteranomaly

106.2470, 8.7522, -7.2326

Tritanomaly

102.8710, 8.9376, -20.0579

Monochromacy



Original Color

103.3980, 9.6638, -19.6430

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

103.1670, 3.3687, -7.1625

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.3980, 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(81, 111, 123)` looks like.

```
.text, #text, p{  
    color:rgb(81, 111, 123)  
}
```

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(81, 111, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 111, 123) }
```

Border

The CSS property to change the border of an element to YUV 103.3980, 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(81, 111, 123) }
```


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

```
.border{ border-color:rgb(81, 111, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 111, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 111, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 111, 123);  
box-shadow:4px 4px 4px 4px rgb(81, 111,  
123) }
```

Background

The CSS property to change the background color of an element to YUV 103.3980, 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(81, 111, 123) }
```

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

```
.background{ background-color: rgb(81, 111,  
123) }
```

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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