

Converting Colors

YUV(97.6380, 25.8145,
-19.8535)

Have a look what the booklet for
YUV(97.6380, 25.8145, -19.8535)
contains.

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Color

**YUV(97.6380, 25.8145,
-19.8535)**

Conversions

Conversions Part 1

Format	Color
Hex	4B6396
RGB	75, 99, 150
RGB Percent	29%, 39%, 59%
CMY	0.7059, 0.6118, 0.4118
CMYK	0.50, 0.34, 0.00, 0.41
HSL	221°, 33%, 44%
HSV	221°, 50%, 59%
XYZ	12.8685, 12.6215, 30.6121
YIQ	97.6380, -30.6750, 10.7730

Conversions

Conversions Part 2

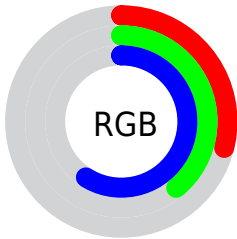
Format	Color
R_{YB}	75, 93, 150
Decimal	4940694
CIE _{Lab}	42.19, 5.94, -30.70
CIE _{LCh}	42, 31.267, 280.944
Yxy	12.6215, 0.2294, 0.2250
Android (android.graphics.Color)	4283130774 (0xFF4B6396)
YUV	97.6380, 25.8145, -19.8535
Hunter-Lab	35.5268, 2.4843, -26.2192

Details

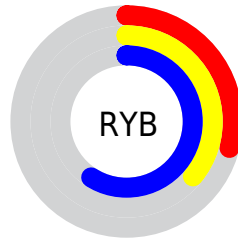
The YUV color **97.6380, 25.8145, -19.8535** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **127.3620, -25.8145, 19.8535**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.5780, 26.8300, -18.9239**, and **48.0780, 25.1045, -25.5014** is the 20% darker color. If you saturate the color by 10%, you get **87.2830, 30.9195, -23.9272**, and if you desaturate by 10%, it is **107.9930, 20.7095, -15.7799**.

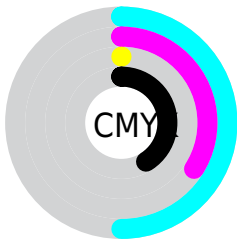
Distribution



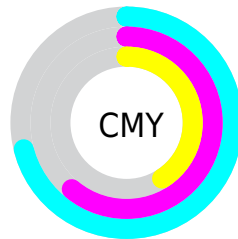
- Red (29%)
- Green (39%)
- Blue (59%)



- Red (29%)
- Yellow (36%)
- Blue (59%)



- Cyan (50%)
- Magenta (34%)
- Yellow (0%)
- Black (41%)



- Cyan (71%)
- Magenta (61%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.6380, 25.8145, -19.8535 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 97.6380, 25.8145, -19.8535 by changing the saturation by 10% instead.

■ 97.6380, 25.8145,
-19.8535

■ 97.6380, 25.8145,
-19.8535

■ 255.0000, 0.0000,
0.0000

■ 72.5130, 25.3831,
-21.4979

■ 149.5780, 26.8300,
-18.9239

■ 48.0780, 25.1045,
-25.5014

■ 176.2190, 27.9930,
-18.6091

■ 27.3340, 23.4993,
-23.9719

■ 202.9480, 25.6616,
-17.4944

■ 10.0370, 20.6878,
-8.8024

■ 228.3430, 13.1419,
-15.2098

■ 4.5940, 12.5252,
-4.0289

■ 250.5150, 2.2111,
-9.2217

■ 0.0000, 0.0000,
0.0000

■ 97.6380, 25.8145,
-19.8535

■ 97.6380, 25.8145,
-19.8535

■ 87.2830, 30.9195,
-23.9272

■ 107.9930, 20.7095,
-15.7799

■ 76.9280, 36.0245,
-28.0009

■ 118.3480, 15.6044,
-11.7062

■ 65.9860, 41.4189,
-31.5597

■ 129.2900, 10.2100,
-8.1473

■ 55.6310, 46.5239,
-35.6334

■ 139.6450, 5.1050,
-4.0737

■ 45.2760, 51.6289,
-39.7071


■ 150.0000, 0.0000,
0.0000

■ 160.3550, -5.1050,
4.0737

■ 170.7100,
-10.2100, 8.1473

■ 181.6520,

-15.6044, 11.7062

 192.0070,
-20.7095, 15.7799

Harmonies

Analogous

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



80.2790, 33.3865, -68.6507



97.6380, 25.8145, -19.8535



102.1750, 18.1547, 10.3705

Triad

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



97.6380, 25.8145, -19.8535



99.4150, -15.9806, 39.1010



87.6500, -2.7854, -40.0350

Complementary

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



97.6380, 25.8145, -19.8535



127.3620, -25.8145, 19.8535

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.



93.4440, -16.9809, -13.5444



97.6380, 25.8145, -19.8535



98.3890, -23.3628, 26.8458

Square

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



97.6380, 25.8145, -19.8535



100.7110, -4.7875, 42.3495



96.4530, -23.8873, 8.3727



78.6430, 14.4730, -68.9699

Rectangle

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



97.6380, 25.8145, -19.8535



102.4390, 11.1226, 25.9250



96.4530, -23.8873, 8.3727



90.3370, -8.0541, -30.1135

Sweetspot

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



97.6380, 25.8145, -19.8535



173.5890, 10.0626, -7.5326



124.7250, 0.1356, -43.6088



84.5740, 6.1260, -4.8884



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



97.6380, 25.8145, -19.8535



112.9430, 39.9611, -30.6450



87.1380, 30.9910, -0.1210



68.9720, 2.4788, -1.7294



41.5600, 47.5449, -36.4481



2.9010, 3.4998, -2.5442

Inverse Universe

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



100.1610, -0.5724, 43.7088



116.9020, -0.9377, 67.6149



137.8620, -30.9910, 0.1210



69.3210, -0.1583, 4.1035



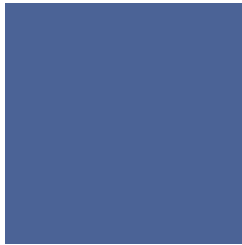
46.2780, -1.1231, 80.4402



3.3320, -0.1637, 5.8478

Previews

White Background



This preview shows how the YUV color 97.6380, 25.8145, -19.8535 looks on a white background.

Color Contrast Check

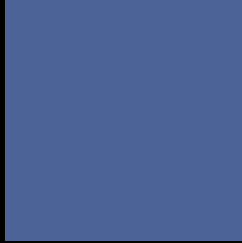
Large Text (above 18pt) WCAG AA ✓ Pass

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 97.6380, 25.8145, -19.8535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

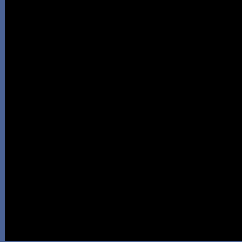
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

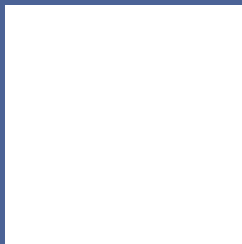
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 97.6380, 25.8145, -19.8535

Background



This preview shows how black text looks on a background with the YUV color 97.6380, 25.8145, -19.8535.



This preview shows how white text looks on a background with the YUV color 97.6380, 25.8145,

-19.8535.

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

97.6380, 25.8145, -19.8535

Protanopia

99.0300, 24.6352, -14.9353

Deuteranopia

97.6380, 25.8145, -19.8535



Tritanopia

94.4680, 10.1223, -26.7204

Trichromacy



Original Color

97.6380, 25.8145, -19.8535

Protanomaly

98.1330, 25.0774, -16.7796

Deuteranomaly

97.6380, 25.8145, -19.8535

Tritanomaly

95.3850, 16.0792, -24.0166

Monochromacy



Original Color

97.6380, 25.8145, -19.8535

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

97.7740, 9.4784, -6.8178

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.6380, 25.8145, -19.8535 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(75, 99, 150)` looks like.

```
.text, #text, p{  
    color:rgb(75, 99, 150)  
}
```

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(75, 99, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 99, 150) }
```

Border

The CSS property to change the border of an element to YUV 97.6380, 25.8145, -19.8535 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(75, 99, 150) }
```


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

```
.border{ border-color:rgb(75, 99, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 99, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 99, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 99, 150);  
box-shadow:4px 4px 4px 4px rgb(75, 99,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 97.6380, 25.8145, -19.8535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 99, 150) }
```

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

```
.background{ background-color: rgb(75, 99,  
150) }
```

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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