

Converting Colors

YUV(99.3780, 23.4776,
-16.9945)

Have a look what the booklet for
YUV(99.3780, 23.4776, -16.9945)
contains.

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Color

**YUV(99.3780, 23.4776,
-16.9945)**

Conversions

Conversions Part 1

Format	Color
Hex	506493
RGB	80, 100, 147
RGB Percent	31%, 39%, 58%
CMY	0.6863, 0.6078, 0.4235
CMYK	0.46, 0.32, 0.00, 0.42
HSL	222°, 30%, 45%
HSV	222°, 46%, 58%
XYZ	13.1319, 12.9264, 29.4067
YIQ	99.3780, -27.0070, 10.3770

Conversions

Conversions Part 2

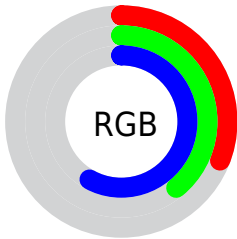
Format	Color
R _Y B	80, 95, 147
Decimal	5268627
CIE Lab	42.65, 5.67, -28.15
CIE LCh	43, 28.720, 281.392
Yxy	12.9264, 0.2368, 0.2331
Android (android.graphics.Color)	4283458707 (0xFF506493)
YUV	99.3780, 23.4776, -16.9945
Hunter-Lab	35.9533, 2.2786, -23.3268

Details

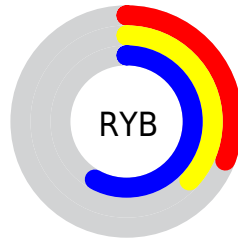
The YUV color **99.3780, 23.4776, -16.9945** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **127.6220, -23.4776, 16.9945**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.0190, 24.6406, -16.6797**, and **51.0140, 22.1781, -20.1833** is the 20% darker color. If you saturate the color by 10%, you get **89.0230, 28.5827, -21.0682**, and if you desaturate by 10%, it is **109.7330, 18.3726, -12.9208**.

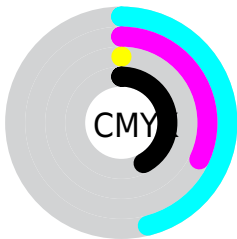
Distribution



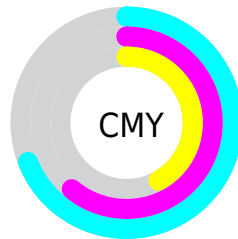
- Red (31%)
- Green (39%)
- Blue (58%)



- Red (31%)
- Yellow (37%)
- Blue (58%)



- Cyan (46%)
- Magenta (32%)
- Yellow (0%)
- Black (42%)



- Cyan (69%)
- Magenta (61%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.3780, 23.4776, -16.9945 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 99.3780, 23.4776, -16.9945 by changing the saturation by 10% instead.

■ 99.3780, 23.4776,
-16.9945

■ 99.3780, 23.4776,
-16.9945

■ 255.0000, 0.0000,
0.0000

■ 74.5520, 22.8989,
-18.0241

■ 151.0190, 24.6406,
-16.6797

■ 51.0140, 22.1781,
-20.1833

■ 177.5460, 25.3668,
-16.2648

■ 27.5790, 21.8996,
-24.1868

■ 205.3180, 24.4932,
-16.0649

■ 10.8690, 18.7986,
-9.5321

■ 230.1260, 12.2629,
-13.2655

■ 3.7790, 11.9410,
-3.3142

■ 251.7110, 1.6215,
-6.7625

■ 0.0000, 0.0000,
0.0000

■ 99.3780, 23.4776,
-16.9945

■ 99.3780, 23.4776,
-16.9945

■ 89.0230, 28.5827,
-21.0682

■ 109.7330, 18.3726,
-12.9208

■ 78.3800, 33.8297,
-24.0123

■ 120.3760, 13.1256,
-9.9768

■ 68.0250, 38.9347,
-28.0859

■ 130.7310, 8.0206,
-5.9031

■ 57.6700, 44.0397,
-32.1596

■ 141.0860, 2.9156,
-1.8294

■ 47.0270, 49.2867,
-35.1037

■ 151.7290, -2.3314,
1.1147


■ 42.5860, 51.4761,
-37.3479

■ 162.0840, -7.4364,
5.1883

■ 172.4390,
-12.5414, 9.2620

■ 182.7940,

-17.6464, 13.3357

 193.4370,
-22.8934, 16.2798

Harmonies

Analogous

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



88.9070, 27.6538, -49.9074



99.3780, 23.4776, -16.9945



103.3060, 16.1181, 10.2556

Triad

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



99.3780, 23.4776, -16.9945



100.9200, -15.2436, 36.0272



90.3840, -2.6543, -35.4168

Complementary

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



99.3780, 23.4776, -16.9945



127.6220, -23.4776, 16.9945

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.



94.9110, -15.2391, -12.1999



99.3780, 23.4776, -16.9945



99.8340, -21.6102, 24.7016

Square

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



99.3780, 23.4776, -16.9945



102.2760, -5.0661, 38.3459



97.9090, -22.1401, 7.9728



78.7570, 14.9098, -69.0699

Rectangle

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



99.3780, 23.4776, -16.9945



103.7870, 9.9650, 23.8658



97.9090, -22.1401, 7.9728



92.1740, -7.4808, -27.3396

Sweetspot

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



99.3780, 23.4776, -16.9945



171.7740, 9.4784, -6.8178



124.6870, 1.1403, -39.1905



84.8730, 5.9786, -4.2736



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.



99.3780, 23.4776, -16.9945



116.1670, 36.8927, -26.4565



91.5250, 27.3492, 1.2936



68.9720, 2.4788, -1.7294



39.7990, 48.4131, -34.9037



2.9010, 3.4998, -2.5442

Inverse Universe

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



102.3130, -1.1403, 39.1905



120.9290, -1.9370, 61.4523



135.4750, -27.3492, -1.2936



69.3210, -0.1583, 4.1035



45.9360, -2.4334, 80.7401



3.3320, -0.1637, 5.8478

Previews

White Background



This preview shows how the YUV color 99.3780, 23.4776, -16.9945 looks on a white background.

Color Contrast Check

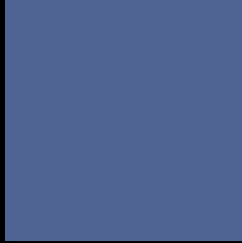
Large Text (above 18pt) WCAG AA ✓ Pass

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 99.3780, 23.4776, -16.9945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

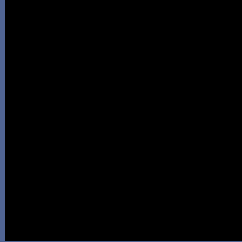
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

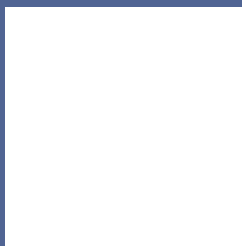
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 99.3780, 23.4776, -16.9945

Background



This preview shows how black text looks on a background with the YUV color 99.3780, 23.4776, -16.9945.



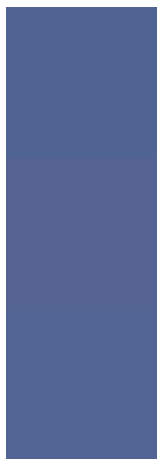
This preview shows how white text looks on a background with the YUV color 99.3780, 23.4776,

-16.9945.

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

99.3780, 23.4776, -16.9945

Protanopia

100.1720, 22.5932, -13.3058

Deuteranopia

99.6770, 23.3302, -16.3797



Tritanopia

96.5610, 9.0904, -22.4170

Trichromacy



Original Color

99.3780, 23.4776, -16.9945

Protanomaly

99.5740, 22.8880, -14.5354

Deuteranomaly

99.6770, 23.3302, -16.3797

Tritanomaly

97.6520, 14.4686, -20.7428

Monochromacy



Original Color

99.3780, 23.4776, -16.9945

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

98.8450, 8.4574, -6.0031

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.3780, 23.4776, -16.9945 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(80, 100, 147)` looks like.

```
.text, #text, p{  
    color:rgb(80, 100, 147)  
}
```

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(80, 100, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 100, 147) }
```

Border

The CSS property to change the border of an element to YUV 99.3780, 23.4776, -16.9945 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(80, 100, 147) }
```


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

```
.border{ border-color:rgb(80, 100, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 100, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 100, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 100, 147);  
box-shadow:4px 4px 4px 4px rgb(80, 100,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 99.3780, 23.4776, -16.9945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 100, 147) }
```

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

```
.background{ background-color: rgb(80, 100,  
147) }
```

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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