

Converting Colors

YUV(104.3780, 23.4776,
-16.9945)

Have a look what the booklet for
YUV(104.3780, 23.4776, -16.9945)
contains.

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Color

**YUV(104.3780, 23.4776,
-16.9945)**

Conversions

Conversions Part 1

Format	Color
Hex	556998
RGB	85, 105, 152
RGB Percent	33%, 41%, 60%
CMY	0.6667, 0.5882, 0.4039
CMYK	0.44, 0.31, 0.00, 0.40
HSL	222°, 28%, 46%
HSV	222°, 44%, 60%
XYZ	14.4654, 14.3014, 31.7038
YIQ	104.3780, -27.0070, 10.3770

Conversions

Conversions Part 2

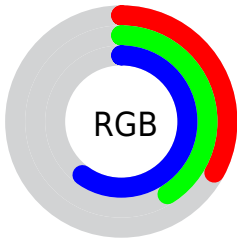
Format	Color
R_{YB}	85, 100, 152
Decimal	5597592
CIE _{Lab}	44.66, 5.48, -27.97
CIE _{LCh}	45, 28.502, 281.080
Yxy	14.3014, 0.2392, 0.2365
Android (android.graphics.Color)	4283787672 (0xFF556998)
YUV	104.3780, 23.4776, -16.9945
Hunter-Lab	37.8172, 2.0974, -23.2333

Details

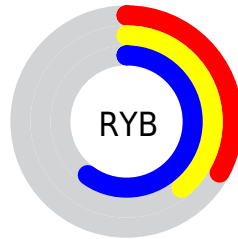
The YUV color **104.3780, 23.4776, -16.9945** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **132.6220, -23.4776, 16.9945**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.4320, 24.9300, -16.1649**, and **55.4270, 22.4675, -19.6685** is the 20% darker color. If you saturate the color by 10%, you get **93.4360, 28.8721, -20.5534**, and if you desaturate by 10%, it is **115.3200, 18.0832, -13.4356**.

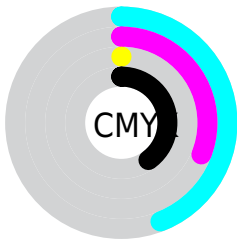
Distribution



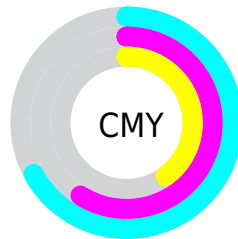
- Red (33%)
- Green (41%)
- Blue (60%)



- Red (33%)
- Yellow (39%)
- Blue (60%)



- Cyan (44%)
- Magenta (31%)
- Yellow (0%)
- Black (40%)



- Cyan (67%)
- Magenta (59%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.3780, 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 104.3780, 23.4776, -16.9945 by changing the saturation by 10% instead.

■ 104.3780, 23.4776,
-16.9945

■ 104.3780, 23.4776,
-16.9945

■ 255.0000, 0.0000,
0.0000

■ 79.5520, 22.8989,
-18.0241

■ 156.4320, 24.9300,
-16.1649

■ 55.4270, 22.4675,
-19.6685

■ 183.5460, 25.3668,
-16.2648

■ 30.4970, 22.9260,
-26.7459

■ 209.7480, 22.3092,
-15.5650

■ 15.5480, 18.9568,
-13.6356

■ 235.4420, 9.6421,
-12.6656

■ 4.8220, 13.3988,
-4.2289

■ 253.5050, 0.7370,
-3.0739

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,

0.0000

■ 104.3780, 23.4776,
-16.9945

■ 104.3780, 23.4776,
-16.9945

■ 93.4360, 28.8721,
-20.5534

■ 115.3200, 18.0832,
-13.4356

■ 83.0810, 33.9771,
-24.6270

■ 125.6750, 12.9782,
-9.3620

■ 71.8400, 39.5189,
-28.8007

■ 136.9160, 7.4364,
-5.1883

■ 60.8980, 44.9133,
-32.3595

■ 147.8580, 2.0420,
-1.6295

■ 50.5430, 50.0183,
-36.4332

■ 158.2130, -3.0630,
2.4442

■ 43.7430, 53.3707,
-38.3626

■ 169.1550, -8.4574,
6.0031

■ 180.0970,
-13.8518, 9.5619

■ 190.7510,
-19.1042, 14.2504

■ 201.6930,
-24.4986, 17.8092

Harmonies

Analogous

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



94.8040, 27.2116, -48.0631



104.3780, 23.4776, -16.9945



108.4200, 16.5549, 10.1557

Triad

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



104.3780, 23.4776, -16.9945



106.3330, -14.9542, 36.5420



95.5690, -3.2385, -34.7020

Complementary

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



104.3780, 23.4776, -16.9945



132.6220, -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.



99.9110, -15.2391, -12.1999



104.3780, 23.4776, -16.9945



105.1330, -21.7576, 25.3164

Square

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



104.3780, 23.4776, -16.9945



107.3900, -4.6293, 38.2460



102.9090, -22.1401, 7.9728



85.5510, 14.0254, -65.3812

Rectangle

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



104.3780, 23.4776, -16.9945



108.7870, 9.9650, 23.8658



102.9090, -22.1401, 7.9728



97.4730, -7.6282, -26.7248

Sweetspot

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



104.3780, 23.4776, -16.9945



177.9590, 8.8942, -6.1030



129.6870, 1.1403, -39.1905



88.0580, 5.3944, -3.5589



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



104.3780, 23.4776, -16.9945



122.0530, 36.4559, -26.3565



96.5250, 27.3492, 1.2936



71.0860, 2.9156, -1.8294



40.6140, 48.9973, -35.6185



3.8300, 4.5208, -3.3589

Inverse Universe

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



107.3130, -1.1403, 39.1905



126.6300, -1.7896, 60.8375



140.4750, -27.3492, -1.2936



71.6200, -0.3057, 4.7183



46.6480, -2.2915, 81.8697



4.3430, -0.1691, 7.5922

Previews

White Background



This preview shows how the YUV color 104.3780, 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 104.3780, 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

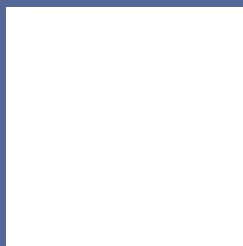
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 104.3780, 23.4776, -16.9945

Background



This preview shows how black text looks on a background with the YUV color 104.3780, 23.4776, -16.9945.



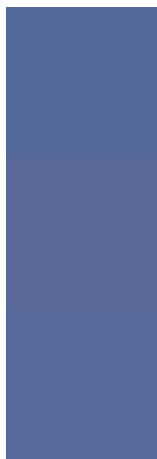
This preview shows how white text looks on a background with the YUV color 104.3780, 23.4776, -16.9945.

-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

104.3780, 23.4776, -16.9945

Protanopia

105.1720, 22.5932, -13.3058

Deuteranopia

104.9760, 23.1828, -15.7650



Tritanopia

101.5610, 9.0904, -22.4170

Trichromacy



Original Color

104.3780, 23.4776, -16.9945

Protanomaly

104.5740, 22.8880, -14.5354

Deuteranomaly

104.6770, 23.3302, -16.3797

Tritanomaly

102.6520, 14.4686, -20.7428

Monochromacy



Original Color

104.3780, 23.4776, -16.9945

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.8450, 8.4574, -6.0031

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.3780, 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(85, 105, 152)` looks like.

```
.text, #text, p{  
    color:rgb(85, 105, 152)  
}
```

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(85, 105, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 105, 152) }
```

Border

The CSS property to change the border of an element to YUV 104.3780, 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(85, 105, 152) }
```


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

```
.border{ border-color:rgb(85, 105, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 105, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 105, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 105, 152);  
box-shadow:4px 4px 4px 4px rgb(85, 105,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 104.3780, 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(85, 105, 152) }
```

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

```
.background{ background-color: rgb(85, 105,  
152) }
```

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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