

Converting Colors

YUV(103.6530, 22.8491,
-48.8077)

Have a look what the booklet for
YUV(103.6530, 22.8491, -48.8077)
contains.

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Color

**YUV(103.6530, 22.8491,
-48.8077)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 307B96 |
| RGB | 48, 123, 150 |
| RGB Percent | 19%, 48%, 59% |
| CMY | 0.8118, 0.5176, 0.4118 |
| CMYK | 0.68, 0.18, 0.00, 0.41 |
| HSL | 196°, 52%, 39% |
| HSV | 196°, 68%, 59% |
| XYZ | 13.8069, 16.9963, 31.4071 |
| YIQ | 103.6530, -53.3670, -7.5030 |

Conversions

Conversions Part 2

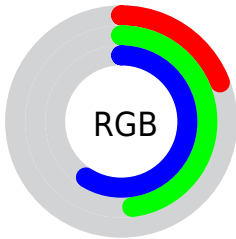
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 48, 91, 150 |
| Decimal | 3177366 |
| CIE _{Lab} | 48.26, -14.12, -21.36 |
| CIE _{LCh} | 48, 25.608, 236.526 |
| Yxy | 16.9963, 0.2219, 0.2732 |
| Android (android.graphics.Color) | 4281367446 (0xFF307B96) |
| YUV | 103.6530, 22.8491, -48.8077 |
| Hunter-Lab | 41.2266, -12.3663, -16.3095 |

Details

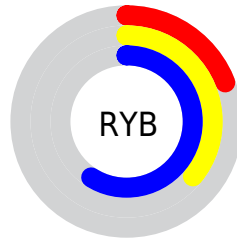
The YUV color **103.6530, 22.8491, -48.8077** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **94.3470, -22.8491, 48.8077**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.2620, 22.5488, -45.8338**, and **54.7240, 21.8281, -47.9929** is the 20% darker color. If you saturate the color by 10%, you get **96.8200, 26.2177, -55.9701**, and if you desaturate by 10%, it is **110.4860, 19.4804, -41.6452**.

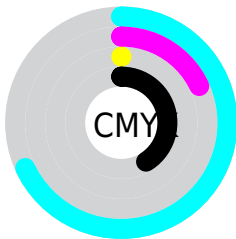
Distribution



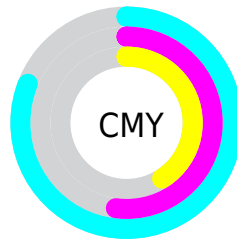
- Red (19%)
- Green (48%)
- Blue (59%)



- Red (19%)
- Yellow (36%)
- Blue (59%)



- Cyan (68%)
- Magenta (18%)
- Yellow (0%)
- Black (41%)



- Cyan (81%)
- Magenta (52%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.6530, 22.8491, -48.8077 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 103.6530, 22.8491, -48.8077 by changing the saturation by 10% instead.

■ 103.6530, 22.8491,
-48.8077

■ 103.6530, 22.8491,
-48.8077

■ 255.0000, 0.0000,
0.0000

■ 72.8580, 25.2130,
-60.3885

■ 158.2620, 22.5488,
-45.8338

■ 54.7240, 21.8281,
-47.9929

■ 185.6750, 22.8382,
-45.3190

■ 38.4870, 18.0009,
-33.7531

■ 213.4040, 20.5068,
-44.2043

■ 24.1250, 13.7424,
-21.1576

■ 235.8640, 9.4340,
-39.3457

■ 4.7080, 12.9620,
-4.1289

■ 244.5350, 5.1592,
-21.5172

■ 0.3420, 1.3104,
-0.2999

■ 253.5050, 0.7370,

■ 0.0000, 0.0000,

-3.0739

0.0000

■ 103.6530, 22.8491,
-48.8077

■ 103.6530, 22.8491,
-48.8077

■ 96.8200, 26.2177,
-55.9701

■ 110.4860, 19.4804,
-41.6452

■ 89.9870, 29.5864,
-63.1326

■ 117.3190, 16.1117,
-34.4828

■ 83.1540, 32.9551,
-70.2951

■ 124.1520, 12.7431,
-27.3203

■ 81.6700, 33.6867,
-71.6246

■ 130.9850, 9.3744,
-20.1578

■ 137.8180, 6.0057,
-12.9954

■ 144.6510, 2.6371,
-5.8329

■ 151.4840, -0.7316,
1.3295

■ 158.3170, -4.1003,
8.4920

■ 165.1500, -7.4690,
15.6544

Harmonies

Analogous

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



100.1870, 16.1768, -55.4150



103.6530, 22.8491, -48.8077



110.7960, 22.7786, -26.1311

Triad

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



103.6530, 22.8491, -48.8077



117.0240, 0.4812, 32.4280



110.9940, -17.7450, -1.7487

Complementary

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



103.6530, 22.8491, -48.8077



94.3470, -22.8491, 48.8077

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.



113.3060, -20.8569, 16.3946



103.6530, 22.8491, -48.8077



116.0000, -9.8600, 35.9570

Square

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



103.6530, 22.8491, -48.8077



117.5800, 10.5601, 19.6623



114.8930, -17.6952, 29.0348



108.1640, -8.9549, -21.1918

Rectangle

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



103.6530, 22.8491, -48.8077



114.9120, 20.2564, -10.4468



114.8930, -17.6952, 29.0348



111.9840, -19.2191, 4.3990

Sweetspot

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



103.6530, 22.8491, -48.8077



176.4690, 8.6428, -18.8283



110.8380, -18.1611, -55.1089



86.6010, 5.1267, -11.0511



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.



103.6530, 22.8491, -48.8077



121.8050, 35.5921, -76.1280



74.8900, 37.0292, -23.5825



70.7330, 1.6106, -3.2738



75.0190, 31.0496, -65.7917



5.8360, 2.0529, -5.1182

Inverse Universe

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



87.0480, 17.7243, 55.2089



95.8790, 27.6677, 86.0521



123.6970, -37.3186, 23.0677



69.6630, 1.1521, 3.8035



52.7760, 23.7744, 74.7414



3.7880, 1.5835, 5.4479

Previews

White Background



This preview shows how the YUV color 103.6530, 22.8491, -48.8077 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 103.6530, 22.8491, -48.8077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

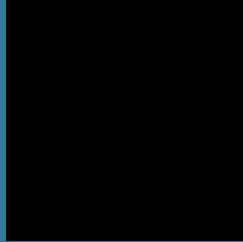
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.6530, 22.8491, -48.8077

Background



This preview shows how black text looks on a background with the YUV color 103.6530, 22.8491, -48.8077.

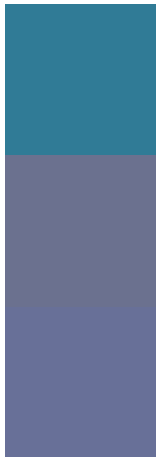


This preview shows how white text looks on a background with the YUV color 103.6530, 22.8491, -48.8077.

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

103.6530, 22.8491, -48.8077

Protanopia

114.6260, 13.9884, -6.6880

Deuteranopia

114.1680, 18.6512, -8.9173



Tritanopia

100.5400, 17.4818, -53.9706

Trichromacy



Original Color

103.6530, 22.8491, -48.8077

Protanomaly

111.0370, 17.2368, -21.9574

Deuteranomaly

110.4220, 20.0050, -23.1721

Tritanomaly

101.4200, 19.5129, -52.1113

Monochromacy



Original Color

103.6530, 22.8491, -48.8077

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.0670, 8.3480, -17.5988

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.6530, 22.8491, -48.8077 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(48, 123, 150)` looks like.

```
.text, #text, p{  
    color:rgb(48, 123, 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(48, 123, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 123, 150) }
```

Border

The CSS property to change the border of an element to YUV 103.6530, 22.8491, -48.8077 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(48, 123, 150) }
```


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

```
.border{ border-color:rgb(48, 123, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 123, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 123, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 123, 150);  
box-shadow:4px 4px 4px 4px rgb(48, 123,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 103.6530, 22.8491, -48.8077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 123, 150) }
```

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

```
.background{ background-color: rgb(48, 123,  
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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