

Converting Colors

YUV(123.6260, 23.8484,
-42.6450)

Have a look what the booklet for
YUV(123.6260, 23.8484, -42.6450)
contains.

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Color

**YUV(123.6260, 23.8484,
-42.6450)**

Conversions

Conversions Part 1

Format	Color
Hex	4B8BAC
RGB	75, 139, 172
RGB Percent	29%, 55%, 67%
CMY	0.7059, 0.4549, 0.3255
CMYK	0.56, 0.19, 0.00, 0.33
HSL	200°, 39%, 48%
HSV	200°, 56%, 67%
XYZ	19.5807, 22.9397, 42.4255
YIQ	123.6260, -48.7370, -3.3050

Conversions

Conversions Part 2

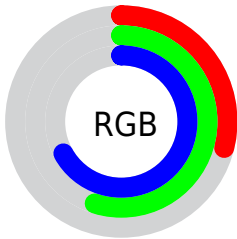
Format	Color
RYB	75, 114, 172
Decimal	4950956
CIELab	55.01, -10.78, -23.65
CIElCh	55, 25.987, 245.501
Yxy	22.9397, 0.2305, 0.2701
Android (android.graphics.Color)	4283141036 (0xFF4B8BAC)
YUV	123.6260, 23.8484, -42.6450
Hunter-Lab	47.8954, -10.8422, -18.9921

Details

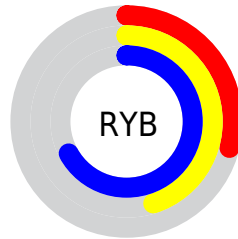
The YUV color **123.6260, 23.8484, -42.6450** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **123.3740, -23.8484, 42.6450**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.7510, 24.2798, -41.0006**, and **66.2220, 26.5126, -57.1997** is the 20% darker color. If you saturate the color by 10%, you get **115.0210, 28.0906, -50.0074**, and if you desaturate by 10%, it is **132.2310, 19.6061, -35.2826**.

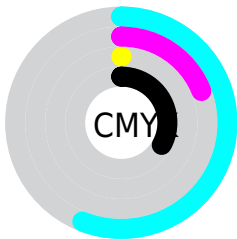
Distribution



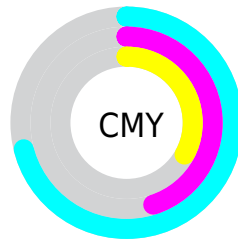
- Red (29%)
- Green (55%)
- Blue (67%)



- Red (29%)
- Yellow (45%)
- Blue (67%)



- Cyan (56%)
- Magenta (19%)
- Yellow (0%)
- Black (33%)



- Cyan (71%)
- Magenta (45%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.6260, 23.8484, -42.6450 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 123.6260, 23.8484, -42.6450 by changing the saturation by 10% instead.

■ 123.6260, 23.8484,
-42.6450

■ 123.6260, 23.8484,
-42.6450

■ 255.0000, 0.0000,
0.0000

■ 96.9030, 23.7118,
-45.5189

■ 177.7510, 24.2798,
-41.0006

■ 66.2220, 26.5126,
-57.1997

■ 205.7510, 24.2798,
-41.0006

■ 49.5720, 22.3960,
-43.4746

■ 231.1460, 11.7600,
-38.7160

■ 33.9220, 18.2795,
-29.7496

■ 243.3390, 5.7489,
-23.9763

■ 19.5600, 14.0209,
-17.1541

■ 252.3090, 1.3267,
-5.5330

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,

0.0000

■ 123.6260, 23.8484,
-42.6450

■ 123.6260, 23.8484,
-42.6450

■ 115.0210, 28.0906,
-50.0074

■ 132.2310, 19.6061,
-35.2826

■ 106.4160, 32.3329,
-57.3698

■ 140.8360, 15.3639,
-27.9202

■ 97.5120, 36.7226,
-65.3470

■ 149.7400, 10.9742,
-19.9430

■ 89.4940, 40.6755,
-73.2242

■ 157.7580, 7.0213,
-12.0658

■ 85.9390, 42.4281,
-75.3685

■ 166.3630, 2.7790,
-4.7034

■ 174.9680, -1.4632,
2.6591

■ 183.5730, -5.7055,
10.0215

■ 192.4770,
-10.0952, 17.9987

■ 201.0820,
-14.3374, 25.3611

Harmonies

Analogous

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



118.8820, 18.7922, -54.2705



123.6260, 23.8484, -42.6450



129.8400, 22.7569, -19.1537

Triad

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



123.6260, 23.8484, -42.6450



134.7210, -3.3135, 36.2017



127.3030, -16.4184, -7.2817

Complementary

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



123.6260, 23.8484, -42.6450



123.3740, -23.8484, 42.6450

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.



130.1590, -21.2774, 11.2616



123.6260, 23.8484, -42.6450



133.2020, -12.9176, 36.6568

Square

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



123.6260, 23.8484, -42.6450



135.5160, 7.6336, 24.9805



131.8990, -20.1632, 27.2756



123.6300, -5.7336, -27.7395

Rectangle

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



123.6260, 23.8484, -42.6450



133.0270, 19.2137, -2.6547



131.8990, -20.1632, 27.2756



128.1790, -18.3292, -1.0340

Sweetspot

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



123.6260, 23.8484, -42.6450



205.0070, 9.3635, -16.6691



135.5870, -14.0934, -53.1348



101.3130, 5.2687, -9.9215



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



123.6260, 23.8484, -42.6450



148.0280, 37.4542, -66.6766



95.4500, 37.7391, -17.9347



82.5480, 2.1948, -3.9886



75.2130, 36.8700, -65.9618



11.4270, 5.7055, -10.0215

Inverse Universe

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



111.2990, 13.6566, 53.2348



128.8480, 21.2739, 83.4483



151.5500, -37.7392, 17.9346



81.3750, 1.2941, 4.9331



56.1360, 21.1320, 82.3187



8.5870, 3.1616, 12.6402

Previews

White Background



This preview shows how the YUV color 123.6260, 23.8484, -42.6450 looks on a white background.

Color Contrast Check

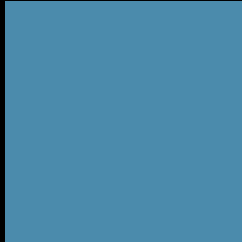
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 123.6260, 23.8484, -42.6450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

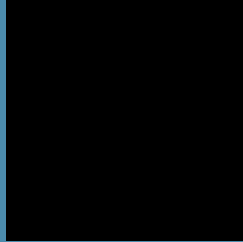
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.6260, 23.8484, -42.6450

Background



This preview shows how black text looks on a background with the YUV color 123.6260, 23.8484, -42.6450.

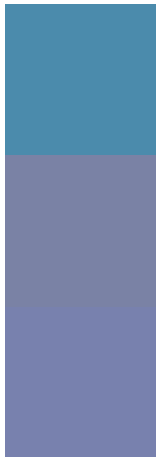


This preview shows how white text looks on a background with the YUV color 123.6260, 23.8484, -42.6450.

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

123.6260, 23.8484, -42.6450

Protanopia

131.5980, 16.4672, -8.4174

Deuteranopia

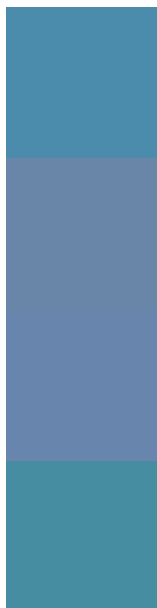
131.4390, 20.9826, -10.0320



Tritanopia

121.2420, 16.1497, -46.6932

Trichromacy



Original Color

123.6260, 23.8484, -42.6450

Protanomaly

128.6180, 19.4153, -20.7130

Deuteranomaly

128.8890, 21.7467, -21.8277

Tritanomaly

122.3500, 19.0545, -45.0339

Monochromacy



Original Color

123.6260, 23.8484, -42.6450

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

123.4910, 8.6319, -15.3396

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.6260, 23.8484, -42.6450 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, 139, 172)` looks like.

```
.text, #text, p{  
    color:rgb(75, 139, 172)  
}
```

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, 139, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 139, 172) }
```

Border

The CSS property to change the border of an element to YUV 123.6260, 23.8484, -42.6450 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, 139, 172) }
```


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

```
.border{ border-color:rgb(75, 139, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 139, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 139, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 139, 172);  
box-shadow:4px 4px 4px 4px rgb(75, 139,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 123.6260, 23.8484, -42.6450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 139, 172) }
```

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

```
.background{ background-color: rgb(75, 139,  
172) }
```

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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