

Converting Colors

YUV(62.6980, 38.1099,
-43.5851)

Have a look what the booklet for
YUV(62.6980, 38.1099, -43.5851)
contains.

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Color

**YUV(62.6980, 38.1099,
-43.5851)**

Conversions

Conversions Part 1

Format	Color
Hex	0D498C
RGB	13, 73, 140
RGB Percent	5%, 29%, 55%
CMY	0.9490, 0.7137, 0.4510
CMYK	0.91, 0.48, 0.00, 0.45
HSL	212°, 83%, 30%
HSV	212°, 91%, 55%
XYZ	7.2821, 6.7441, 25.7289
YIQ	62.6980, -57.2670, 8.1170

Conversions

Conversions Part 2

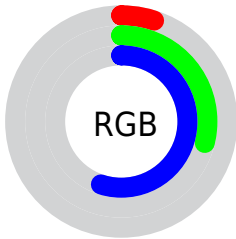
Format	Color
R_{YB}	13, 54, 140
Decimal	870796
CIE _{Lab}	31.22, 8.84, -42.24
CIE _{LCh}	31, 43.153, 281.821
Yxy	6.7441, 0.1832, 0.1696
Android (android.graphics.Color)	4279060876 (0xFF0D498C)
YUV	62.6980, 38.1099, -43.5851
Hunter-Lab	25.9694, 4.6072, -40.5623

Details

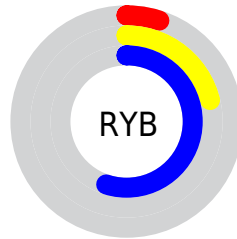
The YUV color **62.6980, 38.1099, -43.5851** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **90.3020, -38.1099, 43.5851**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.2590, 37.3403, -30.0451**, and **28.3430, 29.9039, -24.8568** is the 20% darker color. If you saturate the color by 10%, you get **54.7020, 42.0519, -47.9737**, and if you desaturate by 10%, it is **70.9930, 34.0205, -38.5819**.

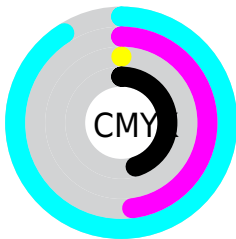
Distribution



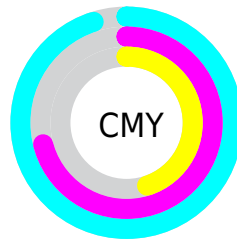
- Red (5%)
- Green (29%)
- Blue (55%)



- Red (5%)
- Yellow (21%)
- Blue (55%)



- Cyan (91%)
- Magenta (48%)
- Yellow (0%)
- Black (45%)



- Cyan (95%)
- Magenta (71%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.6980, 38.1099, -43.5851 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 62.6980, 38.1099, -43.5851 by changing the saturation by 10% instead.

■ 62.6980, 38.1099,
-43.5851

■ 62.6980, 38.1099,
-43.5851

■ 255.0000, 0.0000,
0.0000

■ 42.9330, 35.0360,
-37.6522

■ 118.2590, 37.3403,
-30.0451

■ 28.3430, 29.9039,
-24.8568

■ 145.0850, 37.9191,
-29.0155

■ 9.7580, 27.2343,
-8.5578

■ 172.3240, 38.7873,
-27.4711

■ 6.5490, 17.4773,
-5.7435

■ 197.0010, 28.5935,
-24.5569

■ 2.9810, 8.8834,
-2.6143

■ 222.1080, 16.2158,
-21.1427

■ 0.0000, 0.0000,
0.0000

■ 246.6280, 4.1274,

-17.2138

■ 62.6980, 38.1099,
-43.5851

■ 62.6980, 38.1099,
-43.5851

■ 54.7020, 42.0519,
-47.9737

■ 70.9930, 34.0205,
-38.5819

■ 79.8750, 29.6416,
-34.0934

■ 88.1700, 25.5522,
-29.0901

■ 97.0520, 21.1734,
-24.6016

■ 105.3470, 17.0839,
-19.5983

■ 113.6420, 12.9945,
-14.5950

■ 122.5240, 8.6157,
-10.1065

■ 130.8190, 4.5262,
-5.1033

■ 139.1140, 0.4368,
-0.1000

Harmonies

Analogous

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



64.4530, 36.2587, -56.5253



62.6980, 38.1099, -43.5851



75.3910, 23.9642, 13.6891

Triad

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



62.6980, 38.1099, -43.5851



69.8570, -19.6495, 49.2374



57.4700, -3.1897, -50.4012

Complementary

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



62.6980, 38.1099, -43.5851



90.3020, -38.1099, 43.5851

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.



62.6080, -22.4847, -21.5812



62.6980, 38.1099, -43.5851



69.2620, -34.1462, 32.2192

Square

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



62.6980, 38.1099, -43.5851



69.1410, -3.5205, 56.0043



67.6350, -33.3441, 8.2131



62.0470, 11.8088, -54.4152

Rectangle

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



62.6980, 38.1099, -43.5851



74.0580, 15.7474, 35.9061



67.6350, -33.3441, 8.2131



55.6290, -7.7051, -48.7866

Sweetspot

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



62.6980, 38.1099, -43.5851



151.0870, 14.7471, -16.7393



95.0730, -7.9240, -71.9780



73.6380, 9.0525, -10.2065



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



62.6980, 38.1099, -43.5851



71.1160, 54.1728, -62.3687



28.0760, 55.1785, -11.4677



64.5590, 2.1894, -2.2442



52.1430, 39.8625, -45.7294



1.7440, 1.6052, -1.5295

Inverse Universe

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



57.8130, 7.4872, 72.0780



63.9230, 10.8840, 102.6765



124.9240, -55.1785, 11.4677



64.4350, 0.2785, 4.0035



46.9490, 7.9131, 75.4667



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 62.6980, 38.1099, -43.5851 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 ✓ Pass

Black Background



This preview shows how the YUV color 62.6980, 38.1099, -43.5851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

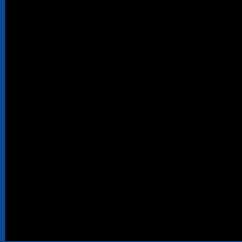
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.6980, 38.1099, -43.5851

Background



This preview shows how black text looks on a background with the YUV color 62.6980, 38.1099, -43.5851.



This preview shows how white text looks on a background with the YUV color 62.6980, 38.1099, -43.5851.

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

62.6980, 38.1099, -43.5851

Protanopia

68.4720, 34.2773, -27.6009

Deuteranopia

58.9590, 35.5162, -51.7070



Tritanopia

58.0520, 14.2714, -50.9116

Trichromacy



Original Color

62.6980, 38.1099, -43.5851

Protanomaly

66.4820, 35.7514, -33.7487

Deuteranomaly

60.2090, 36.3790, -48.4183

Tritanomaly

59.9520, 22.7017, -48.1929

Monochromacy



Original Color

62.6980, 38.1099, -43.5851

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.1580, 13.7261, -15.9246

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.6980, 38.1099, -43.5851 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(13, 73, 140)` looks like.

```
.text, #text, p{  
    color:rgb(13, 73, 140)  
}
```

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(13, 73, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 73, 140) }
```

Border

The CSS property to change the border of an element to YUV 62.6980, 38.1099, -43.5851 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(13, 73, 140) }
```


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

```
.border{ border-color:rgb(13, 73, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 73, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 73, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 73, 140);  
box-shadow:4px 4px 4px 4px rgb(13, 73,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 62.6980, 38.1099, -43.5851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 73, 140) }
```

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

```
.background{ background-color: rgb(13, 73,  
140) }
```

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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