

Converting Colors

YUV(147.8330, 23.2533,
-38.4415)

Have a look what the booklet for
YUV(147.8330, 23.2533, -38.4415)
contains.

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Color

**YUV(147.8330, 23.2533,
-38.4415)**

Conversions

Conversions Part 1

Format	Color
Hex	68A1C3
RGB	104, 161, 195
RGB Percent	41%, 63%, 76%
CMY	0.5922, 0.3686, 0.2353
CMYK	0.47, 0.17, 0.00, 0.24
HSL	202°, 43%, 59%
HSV	202°, 47%, 76%
XYZ	28.3041, 32.3729, 56.3866
YIQ	147.8330, -44.8860, -1.5100

Conversions

Conversions Part 2

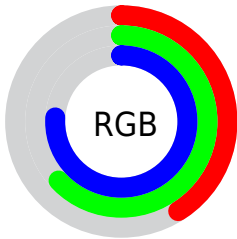
Format	Color
RYB	104, 139, 195
Decimal	6857155
CIELab	63.65, -9.43, -23.28
CIElCh	64, 25.117, 247.959
Yxy	32.3729, 0.2418, 0.2765
Android (android.graphics.Color)	4285047235 (0xFF68A1C3)
YUV	147.8330, 23.2533, -38.4415
Hunter-Lab	56.8972, -10.7734, -18.9298

Details

The YUV color **147.8330, 23.2533, -38.4415** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **151.1670, -23.2533, 38.4415**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.0610, 24.1269, -38.6415**, and **94.9960, 22.6800, -41.2155** is the 20% darker color. If you saturate the color by 10%, you get **138.0430, 28.0798, -46.5187**, and if you desaturate by 10%, it is **157.6230, 18.4269, -30.3644**.

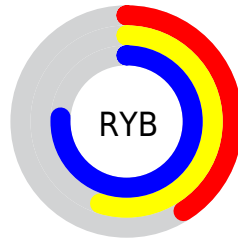
Distribution



Red (41%)

Green (63%)

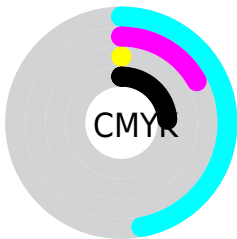
Blue (76%)



Red (41%)

Yellow (55%)

Blue (76%)

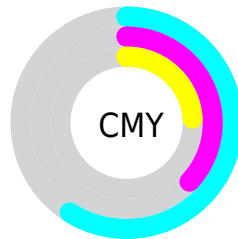


Cyan (47%)

Magenta (17%)

Yellow (0%)

Black (24%)



Cyan (59%)

Magenta (37%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.8330, 23.2533, -38.4415 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 147.8330, 23.2533, -38.4415 by changing the saturation by 10% instead.

■ 147.8330, 23.2533,
-38.4415

■ 147.8330, 23.2533,
-38.4415

■ 255.0000, 0.0000,
0.0000

■ 121.1210, 23.1113,
-39.5711

■ 203.0610, 24.1269,
-38.6415

■ 94.9960, 22.6800,
-41.2155

■ 228.5100, 13.0596,
-35.5273

■ 65.8100, 24.7437,
-49.8224

■ 243.3390, 5.7489,
-23.9763

■ 46.7680, 21.8064,
-41.0155

■ 252.3090, 1.3267,
-5.5330

■ 31.1180, 17.6898,
-27.2905

■ 16.8700, 13.8681,
-14.7950

■ 3.3230, 10.1938,

-2.9143

■ 0.0000, 0.0000,
0.0000

■ 147.8330, 23.2533,
-38.4415

■ 147.8330, 23.2533,
-38.4415

■ 138.0430, 28.0798,
-46.5187

■ 157.6230, 18.4269,
-30.3644

■ 127.3670, 33.3431,
-54.6959

■ 168.2990, 13.1636,
-22.1872

■ 117.5770, 38.1695,
-62.7730

■ 178.3880, 8.1897,
-13.4953

■ 107.4880, 43.1434,
-71.4650

■ 188.1780, 3.3632,
-5.4181

■ 97.6980, 47.9699,
-79.5421

■ 198.2670, -1.6106,
3.2738

■ 93.8440, 49.8699,
-82.3012

■ 208.6440, -6.7265,
10.8362

■ 218.7330,
-11.7004, 19.5282

■ 227.0280,
-15.7898, 24.5314

■ 231.7240,
-18.1049, 20.4131

Harmonies

Analogous

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



143.5020, 18.4865, -49.5523



147.8330, 23.2533, -38.4415



153.3350, 22.0198, -16.0798

Triad

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



147.8330, 23.2533, -38.4415



157.4930, -4.1870, 36.4016



149.8190, -15.6868, -8.6113

Complementary

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



147.8330, 23.2533, -38.4415



151.1670, -23.2533, 38.4415

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.



152.5610, -20.9826, 10.0320



147.8330, 23.2533, -38.4415



156.2620, -13.9332, 35.7272

Square

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



147.8330, 23.2533, -38.4415



157.8860, 6.4652, 26.4100



154.4860, -20.4526, 26.7608



146.5590, -4.7126, -28.5542

Rectangle

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



147.8330, 23.2533, -38.4415



156.2230, 18.6241, -0.1956



154.4860, -20.4526, 26.7608



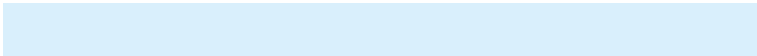
150.5810, -18.0344, -2.2635

Sweetspot

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



147.8330, 23.2533, -38.4415



233.9040, 8.9213, -14.8248



161.1790, -11.9202, -50.1460



116.1390, 5.8475, -8.8919



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



147.8330, 23.2533, -38.4415



179.3170, 35.8327, -59.9140



121.4180, 36.2759, -15.2756



91.6620, 2.6316, -4.0886



77.6410, 41.0960, -68.0912



16.0890, 8.3371, -14.1101

Inverse Universe

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



137.7070, 11.4834, 50.2460



163.3050, 18.0906, 77.7855



177.5820, -36.2759, 15.2756



90.6740, 1.1467, 5.5479



59.6530, 20.3841, 88.8813



12.2610, 4.3083, 18.1881

Previews

White Background



This preview shows how the YUV color 147.8330, 23.2533, -38.4415 looks on a white background.

Color Contrast Check

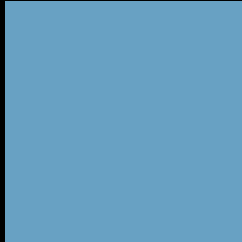
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 147.8330, 23.2533, -38.4415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

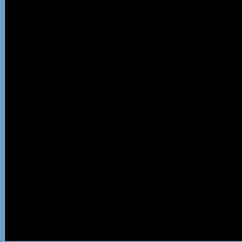
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 147.8330, 23.2533, -38.4415

Background



This preview shows how black text looks on a background with the YUV color 147.8330, 23.2533, -38.4415.

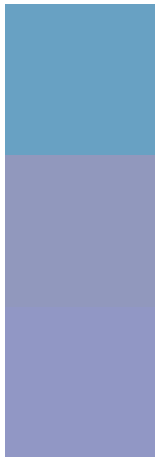


This preview shows how white text looks on a background with the YUV color 147.8330, 23.2533, -38.4415.

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

147.8330, 23.2533, -38.4415

Protanopia

154.1250, 17.1934, -8.0026

Deuteranopia

154.4500, 20.9772, -8.2876



Tritanopia

146.0470, 15.2598, -41.2602

Trichromacy



Original Color

147.8330, 23.2533, -38.4415

Protanomaly

151.6290, 19.4099, -18.9686

Deuteranomaly

152.1990, 21.5939, -19.4685

Tritanomaly

146.8560, 18.3120, -40.2157

Monochromacy



Original Color

147.8330, 23.2533, -38.4415

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

148.0890, 8.3371, -14.1101

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.8330, 23.2533, -38.4415 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(104, 161, 195)` looks like.

```
.text, #text, p{  
    color:rgb(104, 161, 195)  
}
```

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(104, 161, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 161, 195) }
```

Border

The CSS property to change the border of an element to YUV 147.8330, 23.2533, -38.4415 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(104, 161, 195) }
```


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

```
.border{ border-color:rgb(104, 161, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 161, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 161, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 161, 195);  
box-shadow:4px 4px 4px 4px rgb(104, 161,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 147.8330, 23.2533, -38.4415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 161, 195) }
```

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

```
.background{ background-color: rgb(104,  
161, 195) }
```

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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