

Converting Colors

YUV(149.3670, 23.4831,
-18.7389)

Have a look what the booklet for
YUV(149.3670, 23.4831, -18.7389)
contains.

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Color

**YUV(149.3670, 23.4831,
-18.7389)**

Conversions

Conversions Part 1

Format	Color
Hex	8097C5
RGB	128, 151, 197
RGB Percent	50%, 59%, 77%
CMY	0.4980, 0.4078, 0.2275
CMYK	0.35, 0.23, 0.00, 0.23
HSL	220°, 37%, 64%
HSV	220°, 35%, 77%
XYZ	30.0467, 30.7536, 57.1757
YIQ	149.3670, -28.4740, 9.4300

Conversions

Conversions Part 2

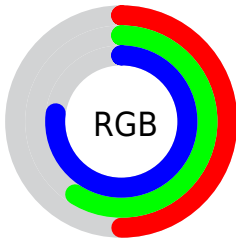
Format	Color
RYB	128, 145, 197
Decimal	8427461
CIELab	62.30, 3.11, -26.36
CIElCh	62, 26.539, 276.736
Yxy	30.7536, 0.2547, 0.2607
Android (android.graphics.Color)	4286617541 (0xFF8097C5)
YUV	149.3670, 23.4831, -18.7389
Hunter-Lab	55.4560, -0.3344, -22.3095

Details

The YUV color $149.3670, 23.4831, -18.7389$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $175.6330, -23.4831, 18.7389$, and the grayscale version is $149.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $204.0080, 24.6461, -18.4240$, and $97.7260, 22.3201, -19.0537$ is the 20% darker color. If you saturate the color by 10%, you get $135.7560, 30.1933, -24.3420$, and if you desaturate by 10%, it is $162.9780, 16.7728, -13.1357$.

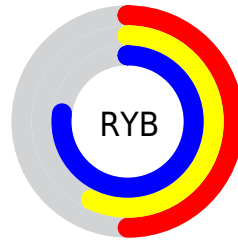
Distribution



Red (50%)

Green (59%)

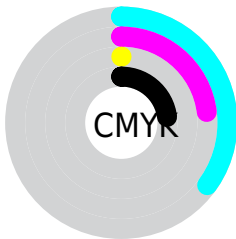
Blue (77%)



Red (50%)

Yellow (57%)

Blue (77%)

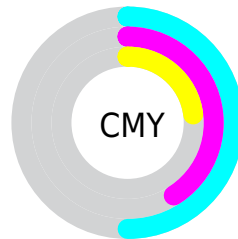


Cyan (35%)

Magenta (23%)

Yellow (0%)

Black (23%)



Cyan (50%)

Magenta (41%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.3670, 23.4831, -18.7389 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 149.3670, 23.4831, -18.7389 by changing the saturation by 10% instead.

■ 149.3670, 23.4831,
-18.7389

■ 149.3670, 23.4831,
-18.7389

■ 255.0000, 0.0000,
0.0000

■ 123.2530, 23.0463,
-18.6389

■ 204.0080, 24.6461,
-18.4240

■ 97.7260, 22.3201,
-19.0537

■ 228.9300, 12.8525,
-15.7246

■ 73.4870, 21.4519,
-20.5981

■ 250.5150, 2.2111,
-9.2217

■ 49.0630, 21.1679,
-22.8573

■ 27.2370, 20.5892,
-23.8868

■ 10.5270, 17.4882,
-9.2322

■ 3.4370, 10.6306,

-3.0142

■ 0.0000, 0.0000,
0.0000

■ 149.3670, 23.4831,
-18.7389

■ 149.3670, 23.4831,
-18.7389

■ 135.7560, 30.1933,
-24.3420

■ 162.9780, 16.7728,
-13.1357

■ 122.4440, 36.7561,
-29.3304

■ 176.2900, 10.2100,
-8.1473

■ 108.8330, 43.4663,
-34.9335

■ 189.9010, 3.4998,
-2.5442

■ 94.6350, 50.4659,
-40.0219

■ 204.0990, -3.4998,
2.5442

■ 81.0240, 57.1762,
-45.6250

■ 217.7100,
-10.2100, 8.1473

■ 67.7120, 63.7390,
-50.6134

■ 231.0220,
-16.7728, 13.1357

■ 61.2000, 66.9494,
-53.6724

■ 241.3440,
-21.8616, 11.9763

■ 248.3880,
-25.3343, 5.7987

Harmonies

Analogous

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



143.1530, 24.5746, -42.2302



149.3670, 23.4831, -18.7389



153.5120, 17.0026, 6.5670

Triad

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



149.3670, 23.4831, -18.7389



152.5720, -14.0860, 38.0864



142.6190, -5.7282, -29.4839

Complementary

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



149.3670, 23.4831, -18.7389



175.6330, -23.4831, 18.7389

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.



146.1780, -16.8498, -8.9261



149.3670, 23.4831, -18.7389



150.9700, -21.1842, 28.0903

Square

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



149.3670, 23.4831, -18.7389



153.6180, -3.7557, 38.0460



148.9310, -22.1510, 11.4615



139.3530, 7.7140, -47.6676

Rectangle

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



149.3670, 23.4831, -18.7389



154.4060, 11.1388, 20.6919



148.9310, -22.1510, 11.4615



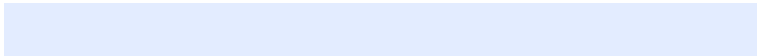
143.9250, -9.8230, -22.7362

Sweetspot

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



149.3670, 23.4831, -18.7389



235.4750, 9.6258, -7.4326



173.7470, 0.1247, -40.1201



115.8730, 5.9786, -4.2736



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.



149.3670, 23.4831, -18.7389



181.3300, 36.3193, -29.2304



139.1550, 28.5176, -0.1359



92.7870, 3.0630, -2.4442



50.2800, 55.5710, -44.0956



11.1480, 12.2520, -9.7768

Inverse Universe

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



151.2530, -0.1247, 40.1201



184.0970, -0.0478, 62.1819



185.8450, -28.5176, 0.1359



93.0330, -0.0163, 5.2331



54.8930, -0.4402, 94.8098



12.1320, -0.0651, 20.9322

Previews

White Background



This preview shows how the YUV color 149.3670, 23.4831, -18.7389 looks on a white background.

Color Contrast Check

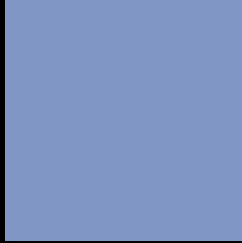
Large Text (above 18pt) WCAG AA × Fail

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 149.3670, 23.4831, -18.7389 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

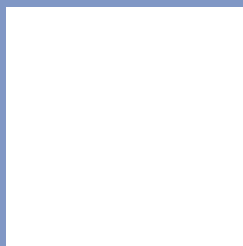
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 149.3670, 23.4831, -18.7389

Background



This preview shows how black text looks on a background with the YUV color 149.3670, 23.4831, -18.7389.



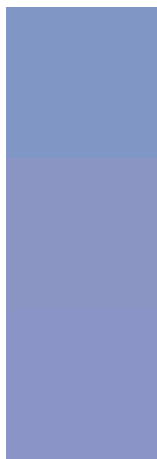
This preview shows how white text looks on a background with the YUV color 149.3670, 23.4831, -18.7389.

-18.7389.

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

149.3670, 23.4831, -18.7389

Protanopia

150.9550, 21.7142, -11.3615

Deuteranopia

151.0090, 23.1666, -10.5319



Tritanopia

147.0170, 10.8376, -22.8169

Trichromacy



Original Color

149.3670, 23.4831, -18.7389

Protanomaly

150.4600, 22.4512, -14.4354

Deuteranomaly

150.4000, 23.4668, -13.5058

Tritanomaly

147.8800, 15.3422, -20.9428

Monochromacy



Original Color

149.3670, 23.4831, -18.7389

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

149.1330, 8.3154, -7.1326

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.3670, 23.4831, -18.7389 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(128, 151, 197)` looks like.

```
.text, #text, p{  
    color:rgb(128, 151, 197)  
}
```

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(128, 151, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 151, 197) }
```

Border

The CSS property to change the border of an element to YUV 149.3670, 23.4831, -18.7389 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(128, 151, 197) }
```


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

```
.border{ border-color:rgb(128, 151, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 151, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 151, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 151, 197);  
box-shadow:4px 4px 4px 4px rgb(128, 151,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 149.3670, 23.4831, -18.7389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 151, 197) }
```

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

```
.background{ background-color: rgb(128,  
151, 197) }
```

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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