

Converting Colors

YUV(68.9630, 9.3852, -23.6466)

Have a look what the booklet for
YUV(68.9630, 9.3852, -23.6466)
contains.

YUV(68.9630, 9.3852, -23.6466)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(68.9630, 9.3852,
-23.6466)**

Conversions

Conversions Part 1

Format	Color
Hex	2A4F58
RGB	42, 79, 88
RGB Percent	16%, 31%, 35%
CMY	0.8353, 0.6902, 0.6549
CMYK	0.52, 0.10, 0.00, 0.65
HSL	192°, 35%, 25%
HSV	192°, 52%, 35%
XYZ	5.5123, 6.7888, 10.2524
YIQ	68.9630, -24.9410, -5.0450

Conversions

Conversions Part 2

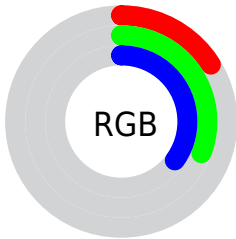
Format	Color
R_{YB}	42, 63, 88
Decimal	2772824
CIE _{Lab}	31.32, -10.43, -9.40
CIE _{LCh}	31, 14.042, 222.021
Yxy	6.7888, 0.2444, 0.3010
Android (android.graphics.Color)	4280962904 (0xFF2A4F58)
YUV	68.9630, 9.3852, -23.6466
Hunter-Lab	26.0553, -7.8332, -5.0910

Details

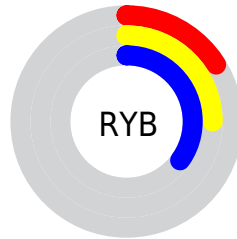
The YUV color **68.9630, 9.3852, -23.6466** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **61.0370, -9.3852, 23.6466**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.0770, 9.8220, -23.7465**, and **25.4470, 8.6536, -22.3170** is the 20% darker color. If you saturate the color by 10%, you get **65.0980, 11.2907, -28.1499**, and if you desaturate by 10%, it is **72.8280, 7.4798, -19.1432**.

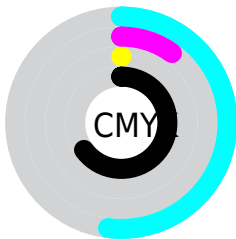
Distribution



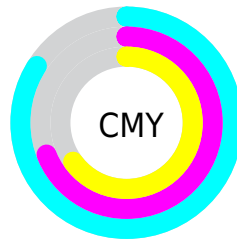
- Red (16%)
- Green (31%)
- Blue (35%)



- Red (16%)
- Yellow (25%)
- Blue (35%)



- Cyan (52%)
- Magenta (10%)
- Yellow (0%)
- Black (65%)



- Cyan (84%)
- Magenta (69%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.9630, 9.3852, -23.6466 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 68.9630, 9.3852, -23.6466 by changing the saturation by 10% instead.

68.9630, 9.3852,
-23.6466

68.9630, 9.3852,
-23.6466

255.0000, 0.0000,
0.0000

45.3650, 9.6801,
-24.8761

118.0770, 9.8220,
-23.7465

25.4470, 8.6536,
-22.3170

144.0770, 9.8220,
-23.7465

8.4920, 7.1524,
-7.4475

170.7780, 9.9694,
-24.3613

0.0000, 0.0000,
0.0000

198.4790, 10.1169,
-24.9761

226.5930, 10.5537,
-25.0761

246.3290, 4.2748,

-17.8285

■ 68.9630, 9.3852,
-23.6466

■ 68.9630, 9.3852,
-23.6466

■ 65.0980, 11.2907,
-28.1499

■ 72.8280, 7.4798,
-19.1432

■ 61.8200, 12.9067,
-33.1681

■ 76.1060, 5.8637,
-14.1250

■ 58.2540, 14.6648,
-37.0568

■ 79.6720, 4.1057,
-10.2363

■ 54.3890, 16.5702,
-41.5602

■ 83.5370, 2.2003,
-5.7329

■ 51.7090, 17.8915,
-45.3488

■ 87.4020, 0.2948,
-1.2296

■ 90.6800, -1.3212,
3.7886

■ 94.5450, -3.2267,
8.2920

■ 98.1110, -4.9847,
12.1807

■ 101.3890, -6.6008,
17.1988

Harmonies

Analogous

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



68.7090, 4.5805, -22.5468



68.9630, 9.3852, -23.6466



71.1640, 11.2581, -17.6838

Triad

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



68.9630, 9.3852, -23.6466



75.7720, 2.5774, 13.3550



72.3890, -10.0518, 4.0438

Complementary

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



68.9630, 9.3852, -23.6466



61.0370, -9.3852, 23.6466

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.



74.0310, -10.3683, 12.2508



68.9630, 9.3852, -23.6466



75.4260, -2.6750, 18.0434

Square

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



68.9630, 9.3852, -23.6466



74.9820, 7.4039, 5.2778



74.1610, -7.4744, 17.3988



71.1320, -6.9671, -5.3778

Rectangle

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



68.9630, 9.3852, -23.6466



72.5070, 11.0890, -10.0916



74.1610, -7.4744, 17.3988



72.9980, -10.3520, 7.0178

Sweetspot

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



68.9630, 9.3852, -23.6466



106.9710, 3.9583, -9.6216



69.9140, -9.8176, -24.4806



53.9500, 2.4896, -5.2182



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



68.9630, 9.3852, -23.6466



84.9550, 14.8122, -37.6715



56.0490, 15.7518, -12.3210



41.8040, 0.5896, -2.4591



62.6800, 21.8498, -54.9704



137.7330, 47.9526, -120.7918

Inverse Universe

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



59.9720, 9.3808, 24.5806



70.5530, 15.0104, 38.9800



73.9510, -15.7518, 12.3210



40.6520, 1.1576, 2.0592



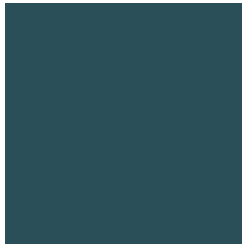
41.7970, 21.7921, 57.1830



91.8110, 47.9142, 125.5768

Previews

White Background



This preview shows how the YUV color 68.9630, 9.3852, -23.6466 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 68.9630, 9.3852, -23.6466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

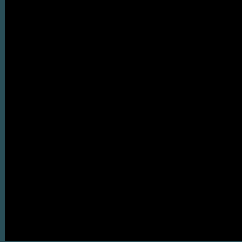
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.9630, 9.3852, -23.6466

Background



This preview shows how black text looks on a background with the YUV color 68.9630, 9.3852, -23.6466.



This preview shows how white text looks on a background with the YUV color 68.9630, 9.3852, -23.6466.

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

68.9630, 9.3852, -23.6466

Protanopia

73.9550, 4.9522, -1.7145

Deuteranopia

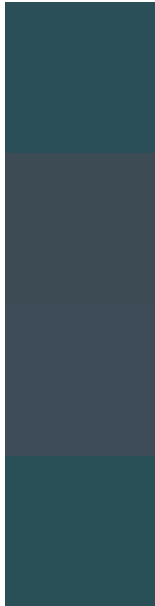
74.3510, 7.7150, -1.1848



Tritanopia

68.4360, 8.6591, -24.0614

Trichromacy



Original Color

68.9630, 9.3852, -23.6466

Protanomaly

71.9540, 6.4317, -9.6067

Deuteranomaly

72.7090, 8.0315, -9.3918

Tritanomaly

68.5500, 9.0959, -24.1613

Monochromacy



Original Color

68.9630, 9.3852, -23.6466

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

69.1560, 3.3741, -8.9068

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.9630, 9.3852, -23.6466 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(42, 79, 88)` looks like.

```
.text, #text, p{  
    color:rgb(42, 79, 88)  
}
```

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(42, 79, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 79, 88) }
```

Border

The CSS property to change the border of an element to YUV 68.9630, 9.3852, -23.6466 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(42, 79, 88) }
```


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

```
.border{ border-color:rgb(42, 79, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 79, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 79, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 79, 88);  
box-shadow:4px 4px 4px 4px rgb(42, 79, 88)  
}
```

Background

The CSS property to change the background color of an element to YUV 68.9630, 9.3852, -23.6466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 79, 88) }
```

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

```
.background{ background-color: rgb(42, 79,  
88) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor