

Converting Colors

YUV(89.2620, 9.2378, -23.0318)

Have a look what the booklet for
YUV(89.2620, 9.2378, -23.0318)
contains.

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Color

**YUV(89.2620, 9.2378,
-23.0318)**

Conversions

Conversions Part 1

Format	Color
Hex	3F636C
RGB	63, 99, 108
RGB Percent	25%, 39%, 42%
CMY	0.7529, 0.6118, 0.5765
CMYK	0.42, 0.08, 0.00, 0.58
HSL	192°, 26%, 34%
HSV	192°, 42%, 42%
XYZ	9.2185, 11.0632, 15.8369
YIQ	89.2620, -24.3450, -4.8330

Conversions

Conversions Part 2

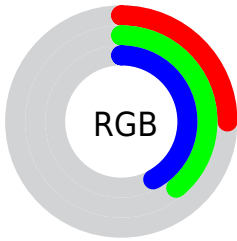
Format	Color
R_{YB}	63, 83, 108
Decimal	4154220
CIE _{Lab}	39.69, -10.30, -9.17
CIE _{LCh}	40, 13.791, 221.668
Yxy	11.0632, 0.2552, 0.3063
Android (android.graphics.Color)	4282344300 (0xFF3F636C)
YUV	89.2620, 9.2378, -23.0318
Hunter-Lab	33.2613, -8.7353, -4.9471




Details

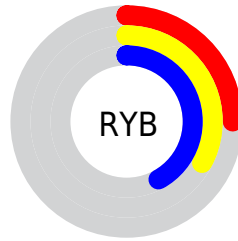
The YUV color **89.2620, 9.2378, -23.0318** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **81.7380, -9.2378, 23.0318**, and the grayscale version is **89.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **139.9630, 9.3852, -23.6466**, and **41.3650, 9.6801, -24.8761** is the 20% darker color. If you saturate the color by 10%, you get **84.7990, 11.4381, -28.7647**, and if you desaturate by 10%, it is **93.7250, 7.0376, -17.2988**.

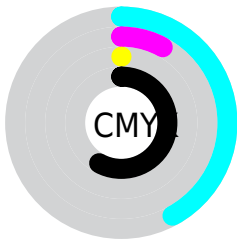
Distribution







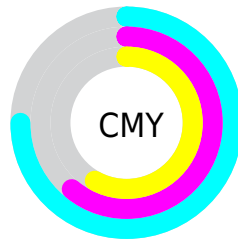
-  Red (25%)
-  Green (39%)
-  Blue (42%)






-  Red (25%)
-  Yellow (33%)
-  Blue (42%)



-  Cyan (42%)
-  Magenta (8%)
-  Yellow (0%)
-  Black (58%)



-  Cyan (75%)
-  Magenta (61%)
-  Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.2620, 9.2378, -23.0318 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 89.2620, 9.2378, -23.0318 by changing the saturation by 10% instead.

89.2620, 9.2378,
-23.0318

89.2620, 9.2378,
-23.0318

255.0000, 0.0000,
0.0000

65.2620, 9.2378,
-23.0318

139.9630, 9.3852,
-23.6466

41.3650, 9.6801,
-24.8761

166.0770, 9.8220,
-23.7465

22.6430, 8.0640,
-19.8579

193.7780, 9.9694,
-24.3613

2.7530, 8.0098,
-2.4144

221.7780, 9.9694,
-24.3613

0.0000, 0.0000,
0.0000

245.1330, 4.8644,
-20.2876

253.8040, 0.5896,

-2.4591

■ 89.2620, 9.2378,
-23.0318

■ 89.2620, 9.2378,
-23.0318

■ 84.7990, 11.4381,
-28.7647

■ 93.7250, 7.0376,
-17.2988

■ 80.3360, 13.6384,
-34.4977

■ 98.1880, 4.8373,
-11.5659

■ 76.1720, 15.6912,
-39.6158

■ 102.3520, 2.7845,
-6.4477

■ 71.1220, 18.1809,
-44.8340

■ 107.4020, 0.2948,
-1.2296

■ 66.6590, 20.3811,
-50.5669

■ 111.8650, -1.9054,
4.5034

■ 62.7940, 22.2866,
-55.0703

■ 116.3280, -4.1057,
10.2363

■ 120.7910, -6.3060,
15.9693

■ 124.9550, -8.3588,
21.0875

■ 129.4180,
-10.5591, 26.8204

Harmonies

Analogous

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



89.0080, 4.4331, -21.9320



89.2620, 9.2378, -23.0318



91.4630, 11.1107, -17.0691

Triad

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



89.2620, 9.2378, -23.0318



95.4840, 2.7194, 14.4845



92.5740, -10.6360, 4.7586

Complementary

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



89.2620, 9.2378, -23.0318



81.7380, -9.2378, 23.0318

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.



93.3300, -10.5157, 12.8656



89.2620, 9.2378, -23.0318



95.6110, -3.2592, 18.7582

Square

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



89.2620, 9.2378, -23.0318



94.9820, 7.4039, 5.2778



94.4600, -7.6218, 18.0136



91.0180, -7.4039, -5.2778

Rectangle

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



89.2620, 9.2378, -23.0318



92.6210, 11.5258, -10.1916



94.4600, -7.6218, 18.0136



92.8840, -10.7888, 7.1177

Sweetspot

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



89.2620, 9.2378, -23.0318



132.8570, 3.5215, -9.5216



90.4410, -9.0914, -24.0658



66.5370, 2.2003, -5.7329



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



89.2620, 9.2378, -23.0318



110.8520, 14.3700, -35.8272



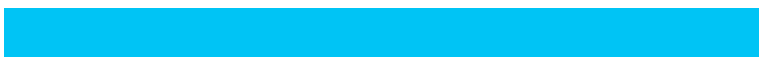
76.3480, 15.6044, -11.7062



51.0320, 1.4632, -2.6591



68.5160, 23.9026, -60.0885



142.9820, 50.2949, -125.3952

Inverse Universe

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



80.5590, 9.0914, 24.0658



97.3140, 14.1422, 37.4356



95.2390, -15.8938, 11.1914



50.2500, 0.8628, 3.2887



45.6990, 23.8124, 62.5310



95.5990, 49.4977, 131.0247

Previews

White Background



This preview shows how the YUV color 89.2620, 9.2378, -23.0318 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 × Fail

Black Background



This preview shows how the YUV color 89.2620, 9.2378, -23.0318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

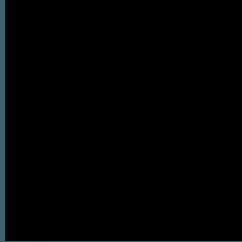
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.2620, 9.2378, -23.0318

Background



This preview shows how black text looks on a background with the YUV color 89.2620, 9.2378, -23.0318.



This preview shows how white text looks on a background with the YUV color 89.2620, 9.2378, -23.0318.

-23.0318.

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

89.2620, 9.2378, -23.0318

Protanopia

93.3680, 5.2416, -1.1997

Deuteranopia

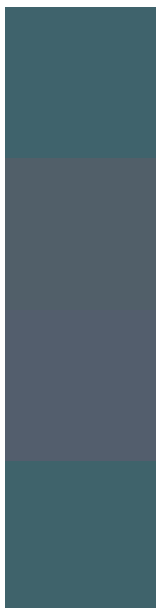
94.0630, 7.8569, -0.0553



Tritanopia

89.1480, 8.8010, -22.9318

Trichromacy



Original Color

89.2620, 9.2378, -23.0318

Protanomaly

91.9540, 6.4317, -9.6067

Deuteranomaly

92.4210, 8.1734, -8.2622

Tritanomaly

89.1480, 8.8010, -22.9318

Monochromacy



Original Color

89.2620, 9.2378, -23.0318

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.4550, 3.2267, -8.2920

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.2620, 9.2378, -23.0318 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(63, 99, 108)` looks like.

```
.text, #text, p{  
    color:rgb(63, 99, 108)  
}
```

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(63, 99, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 99, 108) }
```

Border

The CSS property to change the border of an element to YUV 89.2620, 9.2378, -23.0318 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(63, 99, 108) }
```


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

```
.border{ border-color:rgb(63, 99, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 99, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 99, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 99, 108);  
box-shadow:4px 4px 4px 4px rgb(63, 99,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 89.2620, 9.2378, -23.0318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 99, 108) }
```

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

```
.background{ background-color: rgb(63, 99,  
108) }
```

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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