

Converting Colors

YUV(127.8860, -3.3948,
62.3670)

Have a look what the booklet for
YUV(127.8860, -3.3948, 62.3670)
contains.

YUV(127.8860, -3.3948, 62.3670)	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(127.8860, -3.3948,
62.3670)**

Conversions

Conversions Part 1

Format	Color
Hex	C75D79
RGB	199, 93, 121
RGB Percent	78%, 36%, 47%
CMY	0.2196, 0.6353, 0.5255
CMYK	0.00, 0.53, 0.39, 0.22
HSL	344°, 49%, 57%
HSV	344°, 53%, 78%
XYZ	30.9187, 21.3513, 20.5808
YIQ	127.8860, 54.1880, 31.1800

Conversions

Conversions Part 2

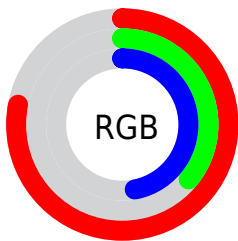
Format	Color
R_{YB}	199, 93, 121
Decimal	13065593
CIE _{Lab}	53.33, 45.03, 4.76
CIE _{LCh}	53, 45.279, 6.032
Yxy	21.3513, 0.4244, 0.2931
Android (android.graphics.Color)	4291255673 (0xFFC75D79)
YUV	127.8860, -3.3948, 62.3670
Hunter-Lab	46.2075, 38.5764, 5.9375

Details

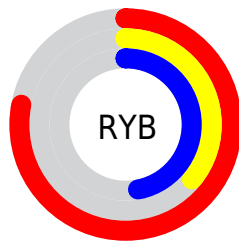
The YUV color **127.8860, -3.3948, 62.3670** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **164.1140, 3.3948, -62.3670**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.6690, -4.2738, 64.3113**, and **73.9610, -0.4738, 58.7932** is the 20% darker color. If you saturate the color by 10%, you get **114.4360, -4.1589, 74.1626**, and if you desaturate by 10%, it is **141.3360, -2.6306, 50.5713**.

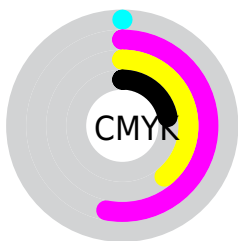
Distribution



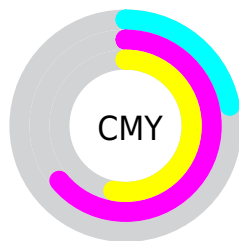
- Red (78%)
- Green (36%)
- Blue (47%)



- Red (78%)
- Yellow (36%)
- Blue (47%)



- Cyan (0%)
- Magenta (53%)
- Yellow (39%)
- Black (22%)





- Cyan (22%)
- Magenta (64%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YUV color 127.8860, -3.3948, 62.3670 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 127.8860, -3.3948, 62.3670 by changing the saturation by 10% instead.


 127.8860, -3.3948,
62.3670

 127.8860, -3.3948,
62.3670

255.0000, 0.0000,
0.0000

 101.1030, -2.5158,
60.4227

 181.6690, -4.2738,
64.3113


 73.9610, -0.4738,
58.7932


 201.2970, -0.1464,
47.0975


 43.0090, 3.4466,
61.3821

 220.9250, 3.9810,
29.8838

 29.1340, 0.4269,
49.8715

 240.9120, 6.9454,
12.3552

 18.5810, -7.6814,
37.2015

 9.0840, -3.9854,
18.3433

 0.0000, 0.0000,

0.0000

■ 127.8860, -3.3948,
62.3670

■ 127.8860, -3.3948,
62.3670

■ 114.4360, -4.1589,
74.1626

■ 141.3360, -2.6306,
50.5713

■ 101.1000, -4.4863,
85.8583

■ 154.6720, -2.3033,
38.8757

■ 87.6500, -5.2505,
97.6539

■ 168.1220, -1.5391,
27.0800

■ 74.2000, -6.0146,
109.4496

■ 181.5720, -0.7750,
15.2844

■ 65.5430, -6.1837,
117.0418

■ 194.9080, -0.4476,
3.5887

■ 207.7710, 0.6059,
-7.6922

■ 221.2210, 1.3700,
-19.4878

■ 234.5570, 1.6974,
-31.1835

■ 238.0280, 7.3812,
-34.2276

Harmonies

Analogous

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



130.4720, 14.5573, 44.3131



127.8860, -3.3948, 62.3670



126.5810, -20.9924, 60.0035

Triad

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



127.8860, -3.3948, 62.3670



118.1590, -28.1794, -15.0484



104.7520, 45.9713, -91.8675

Complementary

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



127.8860, -3.3948, 62.3670



164.1140, 3.3948, -62.3670

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.



105.3100, 32.8782, -92.3569



127.8860, -3.3948, 62.3670



107.5030, -6.6570, -58.3231

Square

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



127.8860, -3.3948, 62.3670



122.7240, -38.3179, 16.9051



101.5650, 15.9905, -89.0725



119.7240, 42.0411, -44.4849

Rectangle

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



127.8860, -3.3948, 62.3670



125.8820, -31.0008, 50.0925



101.5650, 15.9905, -89.0725



105.1280, 42.3349, -92.1973

Sweetspot

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



127.8860, -3.3948, 62.3670



227.5130, -1.2389, 24.1061



128.4060, 34.8028, 37.3549



111.2730, -0.6276, 14.6696



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.



127.8860, -3.3948, 62.3670



145.6390, -5.2450, 95.9096



139.3690, -22.8599, 52.2964



92.9190, -0.4531, 5.3330



53.6390, -5.2450, 95.9096



11.7900, -1.3755, 21.2322

Inverse Universe

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



127.8860, -3.3948, 62.3670



145.6390, -5.2450, 95.9096



152.6310, 22.8599, -52.2964



92.9190, -0.4531, 5.3330



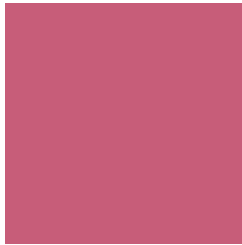
53.6390, -5.2450, 95.9096



11.7900, -1.3755, 21.2322

Previews

White Background



This preview shows how the YUV color 127.8860, -3.3948, 62.3670 looks on a white 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

Black Background



This preview shows how the YUV color 127.8860, -3.3948, 62.3670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

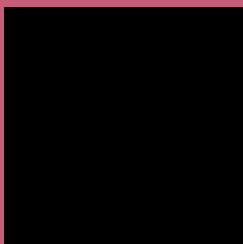
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 127.8860, -3.3948, 62.3670

Background



This preview shows how black text looks on a background with the YUV color 127.8860, -3.3948, 62.3670.



This preview shows how white text looks on a background with the YUV color 127.8860, -3.3948,

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

127.8860, -3.3948, 62.3670

Protanopia

128.2970, 6.2626, -2.0145

Deuteranopia

128.7800, -6.3005, 14.2249



Tritanopia

127.2960, -11.9779, 62.0074

Trichromacy



Original Color

127.8860, -3.3948, 62.3670

Protanomaly

128.5280, 2.6977, 21.4619

Deuteranomaly

128.5310, -5.1918, 31.9833

Tritanomaly

127.5070, -8.6310, 61.8224

Monochromacy



Original Color

127.8860, -3.3948, 62.3670

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.8010, -1.3809, 22.9765

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.8860, -3.3948, 62.3670 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(199, 93, 121)` looks like.

```
.text, #text, p{  
    color:rgb(199, 93, 121)  
}
```

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(199, 93, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 93, 121) }
```

Border

The CSS property to change the border of an element to YUV 127.8860, -3.3948, 62.3670 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(199, 93, 121) }
```


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

```
.border{ border-color:rgb(199, 93, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 93, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 93, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 93, 121);  
box-shadow:4px 4px 4px 4px rgb(199, 93,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 127.8860, -3.3948, 62.3670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 93, 121) }
```

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

```
.background{ background-color: rgb(199, 93,  
121) }
```

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