

Converting Colors

YUV(122.3740, 12.6336,
-38.9160)

Have a look what the booklet for
YUV(122.3740, 12.6336, -38.9160)
contains.

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Color

**YUV(122.3740, 12.6336,
-38.9160)**

Conversions

Conversions Part 1

Format	Color
Hex	4E8C94
RGB	78, 140, 148
RGB Percent	31%, 55%, 58%
CMY	0.6941, 0.4510, 0.4196
CMYK	0.47, 0.05, 0.00, 0.42
HSL	187°, 31%, 44%
HSV	187°, 47%, 58%
XYZ	17.8653, 22.5140, 31.4210
YIQ	122.3740, -39.5200, -10.6560

Conversions

Conversions Part 2

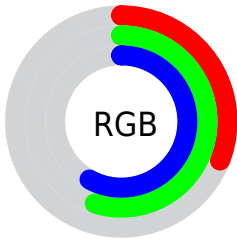
Format	Color
R_{YB}	78, 111, 148
Decimal	5147796
CIE _{Lab}	54.57, -17.76, -10.50
CIE _{LCh}	55, 20.629, 210.583
Yxy	22.5140, 0.2488, 0.3136
Android (android.graphics.Color)	4283337876 (0xFF4E8C94)
YUV	122.3740, 12.6336, -38.9160
Hunter-Lab	47.4489, -15.8275, -6.0480

Details

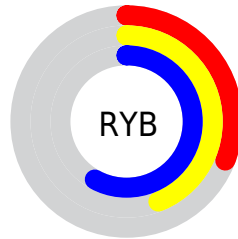
The YUV color $122.3740, 12.6336, -38.9160$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $103.6260, -12.6336, 38.9160$, and the grayscale version is $122.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $176.3740, 12.6336, -38.9160$, and $69.8680, 13.3761, -43.7342$ is the 20% darker color. If you saturate the color by 10%, you get $116.7150, 15.4235, -47.1081$, and if you desaturate by 10%, it is $128.0330, 9.8437, -30.7239$.

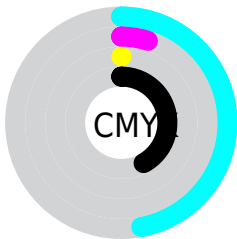
Distribution



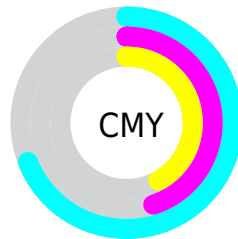
- Red (31%)
- Green (55%)
- Blue (58%)



- Red (31%)
- Yellow (44%)
- Blue (58%)



- Cyan (47%)
- Magenta (5%)
- Yellow (0%)
- Black (42%)



- Cyan (69%)
- Magenta (45%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.3740, 12.6336, -38.9160 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 122.3740, 12.6336, -38.9160 by changing the saturation by 10% instead.

■ 122.3740, 12.6336,
-38.9160

■ 122.3740, 12.6336,
-38.9160

■ 255.0000, 0.0000,
0.0000

■ 96.0750, 12.7810,
-39.5308

■ 176.3740, 12.6336,
-38.9160

■ 69.8680, 13.3761,
-43.7342

■ 204.0750, 12.7810,
-39.5308

■ 47.1780, 13.2232,
-41.3751

■ 231.7330, 11.4706,
-39.2308

■ 31.6420, 9.5435,
-27.7500

■ 243.3390, 5.7489,
-23.9763

■ 18.0950, 5.8692,
-15.8693

■ 252.0100, 1.4741,
-6.1478

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,

0.0000

■ 122.3740, 12.6336,
-38.9160

■ 122.3740, 12.6336,
-38.9160

■ 116.7150, 15.4235,
-47.1081

■ 128.0330, 9.8437,
-30.7239

■ 111.6430, 17.9240,
-55.8149

■ 133.1050, 7.3432,
-22.0171

■ 106.2830, 20.5665,
-63.3922

■ 138.4650, 4.7008,
-14.4398

■ 100.6240, 23.3564,
-71.5842

■ 144.1240, 1.9109,
-6.2477

■ 95.5520, 25.8569,
-80.2911

■ 149.1960, -0.5896,
2.4591

■ 93.7690, 26.7359,
-82.2354

■ 154.8550, -3.3795,
10.6512

■ 160.5140, -6.1694,
18.8432

■ 165.8740, -8.8119,
26.4205

■ 170.9460,
-11.3124, 35.1274

Harmonies

Analogous

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



123.3010, 3.3026, -32.7130



122.3740, 12.6336, -38.9160



124.7860, 17.8535, -33.1383

Triad

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



122.3740, 12.6336, -38.9160



133.3580, 7.2185, 18.1030



129.3100, -16.9148, 12.0061

Complementary

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



122.3740, 12.6336, -38.9160



103.6260, -12.6336, 38.9160

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.



131.4300, -15.4950, 23.3019



122.3740, 12.6336, -38.9160



133.5350, -1.2498, 27.5948

Square

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



122.3740, 12.6336, -38.9160



132.3820, 14.1087, 1.4190



132.3690, -9.5489, 29.4944



127.7210, -13.6665, -3.2633

Rectangle

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



122.3740, 12.6336, -38.9160



127.6670, 18.4052, -23.3870



132.3690, -9.5489, 29.4944



130.0440, -16.7837, 16.6244

Sweetspot

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



122.3740, 12.6336, -38.9160



181.1660, 4.8482, -15.0546



119.8880, -17.1998, -36.7358



90.7430, 3.0847, -9.4216



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



122.3740, 12.6336, -38.9160



151.3650, 19.5401, -60.8331



102.4160, 22.4729, -21.4128



71.3200, 1.3212, -3.7886



87.3460, 24.9724, -76.6024



6.4230, 1.7635, -5.6330

Inverse Universe

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



105.9980, 16.7630, 36.8358



125.6490, 26.3020, 57.3128



123.5840, -22.4729, 21.4128



69.7770, 1.5889, 3.7036



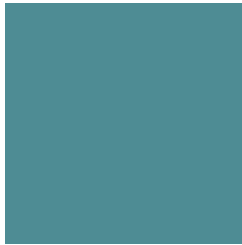
55.1700, 32.9472, 72.6419



4.0160, 2.4571, 5.2480

Previews

White Background



This preview shows how the YUV color 122.3740, 12.6336, -38.9160 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 122.3740, 12.6336, -38.9160 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 122.3740, 12.6336, -38.9160

Background



This preview shows how black text looks on a background with the YUV color 122.3740, 12.6336, -38.9160.



This preview shows how white text looks on a background with the YUV color 122.3740, 12.6336, -38.9160.

-38.9160.

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

122.3740, 12.6336, -38.9160

Protanopia

130.3680, 5.2416, -1.1997

Deuteranopia

131.5300, 9.5987, 1.2892



Tritanopia

123.0150, 13.7966, -38.6012

Trichromacy



Original Color

122.3740, 12.6336, -38.9160

Protanomaly

127.3770, 8.1951, -15.2396

Deuteranomaly

128.3710, 10.6631, -13.4804

Tritanomaly

122.9010, 13.3598, -38.5012

Monochromacy



Original Color

122.3740, 12.6336, -38.9160

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

122.3510, 4.2640, -14.3398

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.3740, 12.6336, -38.9160 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(78, 140, 148)` looks like.

```
.text, #text, p{  
    color:rgb(78, 140, 148)  
}
```

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(78, 140, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 140, 148) }
```

Border

The CSS property to change the border of an element to YUV 122.3740, 12.6336, -38.9160 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(78, 140, 148) }
```


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

```
.border{ border-color:rgb(78, 140, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 140, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 140, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 140, 148);  
box-shadow:4px 4px 4px 4px rgb(78, 140,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 122.3740, 12.6336, -38.9160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 140, 148) }
```

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

```
.background{ background-color: rgb(78, 140,  
148) }
```

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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