

Converting Colors

YUV(127.9610, 12.3442,
-39.4308)

Have a look what the booklet for
YUV(127.9610, 12.3442, -39.4308)
contains.

YUV(127.9610, 12.3442, -39.4308)	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(127.9610, 12.3442,
-39.4308)**

Conversions

Conversions Part 1

Format	Color
Hex	539299
RGB	83, 146, 153
RGB Percent	33%, 57%, 60%
CMY	0.6745, 0.4275, 0.4000
CMYK	0.46, 0.05, 0.00, 0.40
HSL	186°, 30%, 46%
HSV	186°, 46%, 60%
XYZ	19.5959, 24.6967, 33.8711
YIQ	127.9610, -39.7950, -11.1790

Conversions

Conversions Part 2

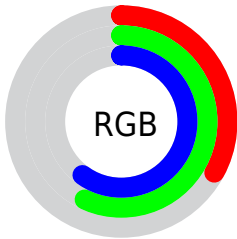
Format	Color
R _Y B	83, 116, 153
Decimal	5477017
CIE Lab	56.78, -18.32, -10.03
CIE LCh	57, 20.890, 208.707
Yxy	24.6967, 0.2507, 0.3160
Android (android.graphics.Color)	4283667097 (0xFF539299)
YUV	127.9610, 12.3442, -39.4308
Hunter-Lab	49.6958, -16.5818, -5.6232

Details

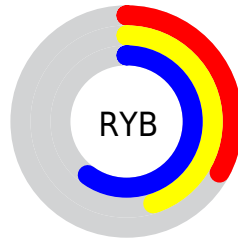
The YUV color **127.9610, 12.3442, -39.4308** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **108.0390, -12.3442, 39.4308**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.9610, 12.3442, -39.4308**, and **75.4660, 13.0813, -42.5047** is the 20% darker color. If you saturate the color by 10%, you get **122.3020, 15.1341, -47.6229**, and if you desaturate by 10%, it is **133.6200, 9.5543, -31.2387**.

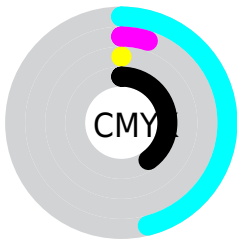
Distribution



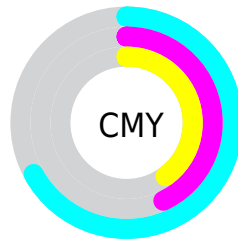
- Red (33%)
- Green (57%)
- Blue (60%)



- Red (33%)
- Yellow (45%)
- Blue (60%)



- Cyan (46%)
- Magenta (5%)
- Yellow (0%)
- Black (40%)



- Cyan (67%)
- Magenta (43%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.9610, 12.3442, -39.4308 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 127.9610, 12.3442, -39.4308 by changing the saturation by 10% instead.

■ 127.9610, 12.3442,
-39.4308

■ 127.9610, 12.3442,
-39.4308

■ 255.0000, 0.0000,
0.0000

■ 101.6620, 12.4916,
-40.0456

■ 181.9610, 12.3442,
-39.4308

■ 75.4660, 13.0813,
-42.5047

■ 209.7760, 12.9284,
-40.1456

■ 50.5690, 13.5235,
-44.3490

■ 236.1630, 9.2866,
-38.7310

■ 35.0330, 9.8437,
-30.7239

■ 244.8340, 5.0118,
-20.9024

■ 20.8990, 6.4588,
-18.3284

■ 253.5050, 0.7370,
-3.0739

■ 1.2540, 4.8048,
-1.0998

■ 0.0000, 0.0000,

0.0000

■ 127.9610, 12.3442,
-39.4308

■ 127.9610, 12.3442,
-39.4308

■ 122.3020, 15.1341,
-47.6229

■ 133.6200, 9.5543,
-31.2387

■ 116.9310, 17.7820,
-56.9445

■ 138.9910, 6.9064,
-21.9171

■ 111.2720, 20.5719,
-65.1365

■ 144.6500, 4.1165,
-13.7251

■ 106.2000, 23.0724,
-73.8434

■ 149.7220, 1.6161,
-5.0182

■ 100.2420, 26.0097,
-82.6502

■ 155.6800, -1.3212,
3.7886

■ 98.4480, 26.8941,
-86.3389

■ 160.7520, -3.8217,
12.4955

■ 166.4110, -6.6116,
20.6876

■ 171.4830, -9.1121,
29.3944

■ 177.4410,
-12.0494, 38.2012

Harmonies

Analogous

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



128.6000, 3.1552, -32.0982



127.9610, 12.3442, -39.4308



130.1880, 18.1483, -34.3679

Triad

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



127.9610, 12.3442, -39.4308



139.1730, 7.8027, 17.3883



135.4950, -17.4990, 12.7209

Complementary

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



127.9610, 12.3442, -39.4308



108.0390, -12.3442, 39.4308

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.



137.1420, -15.3530, 24.4315



127.9610, 12.3442, -39.4308



139.0620, -0.5236, 28.0096

Square

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



127.9610, 12.3442, -39.4308



137.8980, 14.8403, 0.0895



138.1950, -8.9701, 30.5240



133.2050, -14.3981, -1.9338

Rectangle

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



127.9610, 12.3442, -39.4308



133.0690, 18.7000, -24.6165



138.1950, -8.9701, 30.5240



136.2290, -17.3679, 17.3392

Sweetspot

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



127.9610, 12.3442, -39.4308



188.8670, 4.9956, -15.6694



124.8880, -17.1998, -36.7358



93.6290, 2.6479, -9.3216



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



127.9610, 12.3442, -39.4308



159.9520, 19.2507, -61.3479



107.4160, 22.4729, -21.4128



74.0210, 1.4686, -4.4034



89.9220, 24.6885, -78.8616



7.9390, 2.4951, -6.9625

Inverse Universe

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



111.1120, 17.1998, 36.7358



133.7630, 26.7388, 57.2128



128.5840, -22.4729, 21.4128



72.1900, 1.8783, 4.2184



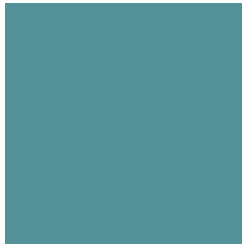
56.2240, 34.3996, 73.4716



5.1410, 2.8885, 6.8923

Previews

White Background



This preview shows how the YUV color 127.9610, 12.3442, -39.4308 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 127.9610, 12.3442, -39.4308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

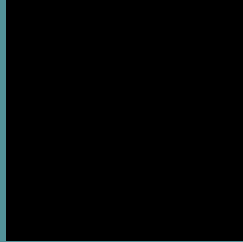
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 127.9610, 12.3442, -39.4308

Background



This preview shows how black text looks on a background with the YUV color 127.9610, 12.3442, -39.4308.



This preview shows how white text looks on a background with the YUV color 127.9610, 12.3442, -39.4308.

-39.4308.

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

127.9610, 12.3442, -39.4308

Protanopia

136.2540, 4.8048, -1.0998

Deuteranopia

136.8290, 9.4513, 1.9040



Tritanopia

128.1290, 14.2334, -38.7011

Trichromacy



Original Color

127.9610, 12.3442, -39.4308

Protanomaly

133.2630, 7.7583, -15.1397

Deuteranomaly

133.6700, 10.5157, -12.8656

Tritanomaly

128.0150, 13.7966, -38.6012

Monochromacy



Original Color

127.9610, 12.3442, -39.4308

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

128.3510, 4.2640, -14.3398

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.9610, 12.3442, -39.4308 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(83, 146, 153)` looks like.

```
.text, #text, p{  
    color:rgb(83, 146, 153)  
}
```

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(83, 146, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 146, 153) }
```

Border

The CSS property to change the border of an element to YUV 127.9610, 12.3442, -39.4308 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(83, 146, 153) }
```


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

```
.border{ border-color:rgb(83, 146, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 146, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 146, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 146, 153);  
box-shadow:4px 4px 4px 4px rgb(83, 146,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 127.9610, 12.3442, -39.4308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 146, 153) }
```

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

```
.background{ background-color: rgb(83, 146,  
153) }
```

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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