

Converting Colors

YUV(123.2110, -7.0060,
-39.6500)

Have a look what the booklet for
YUV(123.2110, -7.0060, -39.6500)
contains.

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Color

**YUV(123.2110, -7.0060,
-39.6500)**

Conversions

Conversions Part 1

Format	Color
Hex	4E956D
RGB	78, 149, 109
RGB Percent	31%, 58%, 43%
CMY	0.6941, 0.4157, 0.5725
CMYK	0.48, 0.00, 0.27, 0.42
HSL	146°, 31%, 45%
HSV	146°, 48%, 58%
XYZ	16.6496, 24.2187, 18.2652
YIQ	123.2110, -29.4760, -27.4920

Conversions

Conversions Part 2

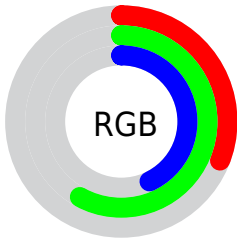
Format	Color
RYB	78, 127, 149
Decimal	5150061
CIELab	56.31, -31.90, 14.36
CIELCh	56, 34.985, 155.760
Yxy	24.2187, 0.2816, 0.4096
Android (android.graphics.Color)	4283340141 (0xFF4E956D)
YUV	123.2110, -7.0060, -39.6500
Hunter-Lab	49.2125, -25.7315, 12.4434

Details

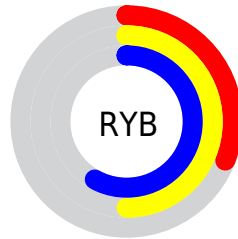
The YUV color **123.2110, -7.0060, -39.6500** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **103.7890, 7.0060, 39.6500**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.2710, -8.0216, -40.5797**, and **71.0580, -4.9586, -43.0239** is the 20% darker color. If you saturate the color by 10%, you get **117.8140, -8.2893, -48.0719**, and if you desaturate by 10%, it is **128.6080, -5.7227, -31.2282**.

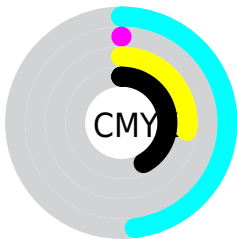
Distribution



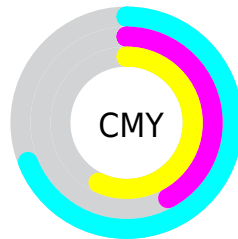
- Red (31%)
- Green (58%)
- Blue (43%)



- Red (31%)
- Yellow (50%)
- Blue (58%)



- Cyan (48%)
- Magenta (0%)
- Yellow (27%)
- Black (42%)



- Cyan (69%)
- Magenta (42%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.2110, -7.0060, -39.6500 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 123.2110, -7.0060, -39.6500 by changing the saturation by 10% instead.

■ 123.2110, -7.0060,
-39.6500

■ 123.2110, -7.0060,
-39.6500

■ 255.0000, 0.0000,
0.0000

■ 97.1400, -5.9850,
-40.4648

■ 177.2710, -8.0216,
-40.5797

■ 71.0580, -4.9586,
-43.0239

■ 204.8580, -8.3110,
-41.0945

■ 47.2970, -4.0904,
-41.4795

■ 229.8090, -7.3008,
-38.4205

■ 31.5160, -6.1704,
-27.6395

■ 241.7860, 1.0915,
-23.4913

■ 17.6100, -8.6817,
-15.4440

■ 251.7110, 1.6215,
-6.7625

■ 0.0000, 0.0000,
0.0000

■ 123.2110, -7.0060,
-39.6500

■ 123.2110, -7.0060,
-39.6500

■ 117.8140, -8.2893,
-48.0719

■ 128.6080, -5.7227,
-31.2282

■ 112.3030,
-10.0094, -56.3937

■ 134.1190, -4.0027,
-22.9064

■ 106.9060,
-11.2927, -64.8156

■ 139.5160, -2.7194,
-14.4845

■ 101.3950,
-13.0127, -73.1374

■ 145.0270, -0.9993,
-6.1627

■ 96.2970, -14.4434,
-80.9445

■ 150.4240, 0.2840,
2.2592

■ 94.8730, -14.7274,
-83.2036

■ 155.5220, 1.7147,
10.0662

■ 161.0330, 3.4347,
18.3881

■ 166.4300, 4.7180,

26.8099

■ 171.9410, 6.4381,
35.1317

Harmonies

Analogous

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



128.7880, -22.0805, -11.2151



123.2110, -7.0060, -39.6500



110.8760, 14.3581, -78.8213

Triad

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



123.2110, -7.0060, -39.6500



131.6630, 31.2251, -28.6455



136.1280, -17.3181, 48.1227

Complementary

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



123.2110, -7.0060, -39.6500



103.7890, 7.0060, 39.6500

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.



137.6840, -3.7882, 48.5121



123.2110, -7.0060, -39.6500



138.0050, 22.6755, 7.0116

Square

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



123.2110, -7.0060, -39.6500



116.3430, 36.3129, -73.9688



139.0810, 10.8061, 34.1320



134.8200, -27.0263, 35.2379

Rectangle

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



123.2110, -7.0060, -39.6500



106.8770, 26.1896, -93.7311



139.0810, 10.8061, 34.1320



136.5780, -13.1030, 49.4821

Sweetspot

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



123.2110, -7.0060, -39.6500



184.2170, -2.5720, -15.0993



131.6370, -26.4430, -11.9596



90.8910, -1.4253, -9.5514



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.



123.2110, -7.0060, -39.6500



153.7430, -10.7193, -62.0416



127.2010, 8.2819, -43.1493



71.4510, -0.7153, -3.9035



87.8460, -13.7281, -77.0409



6.3260, -1.1467, -5.5479

Inverse Universe

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



103.7890, 7.0060, 39.6500



123.3710, 11.1561, 61.9416



99.7990, -8.2819, 43.1493



69.5490, 0.7153, 3.9035



50.1540, 13.7281, 77.0409



3.6740, 1.1467, 5.5479

Previews

White Background



This preview shows how the YUV color 123.2110, -7.0060, -39.6500 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 123.2110, -7.0060, -39.6500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

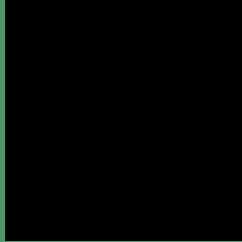
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.2110, -7.0060, -39.6500

Background



This preview shows how black text looks on a background with the YUV color 123.2110, -7.0060, -39.6500.



This preview shows how white text looks on a background with the YUV color 123.2110, -7.0060,

-39.6500.

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

123.2110, -7.0060, -39.6500

Protanopia

133.3420, -15.4516, 9.3471

Deuteranopia

134.9500, -10.8213, 17.5839



Tritanopia

128.5210, 13.0541, -33.7829

Trichromacy



Original Color

123.2110, -7.0060, -39.6500

Protanomaly

129.4430, -12.0504, -8.2815

Deuteranomaly

130.5730, -9.1565, -3.1335

Tritanomaly

126.5610, 5.6394, -35.5720

Monochromacy



Original Color

123.2110, -7.0060, -39.6500

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

122.9290, -2.4300, -13.9697

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.2110, -7.0060, -39.6500 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, 149, 109)` looks like.

```
.text, #text, p{  
    color:rgb(78, 149, 109)  
}
```

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, 149, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 149, 109) }
```

Border

The CSS property to change the border of an element to YUV 123.2110, -7.0060, -39.6500 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, 149, 109) }
```


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

```
.border{ border-color:rgb(78, 149, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 149, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 149, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 149, 109);  
box-shadow:4px 4px 4px 4px rgb(78, 149,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 123.2110, -7.0060, -39.6500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 149, 109) }
```

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

```
.background{ background-color: rgb(78, 149,  
109) }
```

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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