

Converting Colors

YUV(123.0450, 11.8098,
-7.9325)

Have a look what the booklet for
YUV(123.0450, 11.8098, -7.9325)
contains.

YUV(123.0450, 11.8098, -7.9325)	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(123.0450, 11.8098,
-7.9325)**

Conversions

Conversions Part 1

Format	Color
Hex	727B93
RGB	114, 123, 147
RGB Percent	45%, 48%, 58%
CMY	0.5529, 0.5176, 0.4235
CMYK	0.22, 0.16, 0.00, 0.42
HSL	224°, 13%, 51%
HSV	224°, 22%, 58%
XYZ	19.2888, 19.8499, 30.4185
YIQ	123.0450, -13.0680, 5.5560

Conversions

Conversions Part 2

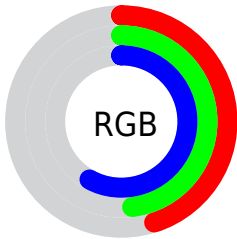
Format	Color
RYB	114, 121, 147
Decimal	7502739
CIELab	51.67, 2.16, -14.08
CIElCh	52, 14.242, 278.720
Yxy	19.8499, 0.2773, 0.2854
Android (android.graphics.Color)	4285692819 (0xFF727B93)
YUV	123.0450, 11.8098, -7.9325
Hunter-Lab	44.5532, -0.6885, -9.2927

Details

The YUV color **123.0450, 11.8098, -7.9325** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **137.9550, -11.8098, 7.9325**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.2730, 12.6834, -8.1324**, and **73.8170, 10.9362, -7.7325** is the 20% darker color. If you saturate the color by 10%, you get **112.1030, 17.2042, -11.4913**, and if you desaturate by 10%, it is **133.9870, 6.4154, -4.3736**.

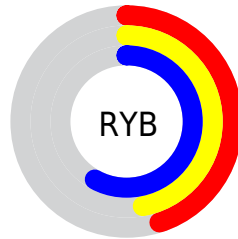
Distribution



Red (45%)

Green (48%)

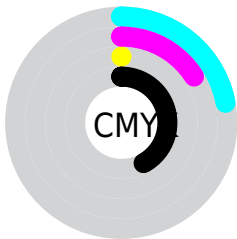
Blue (58%)



Red (45%)

Yellow (47%)

Blue (58%)

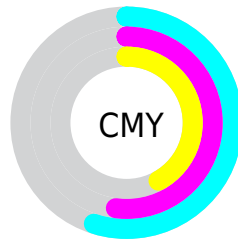


Cyan (22%)

Magenta (16%)

Yellow (0%)

Black (42%)



Cyan (55%)

Magenta (52%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.0450, 11.8098, -7.9325 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 123.0450, 11.8098, -7.9325 by changing the saturation by 10% instead.

■ 123.0450, 11.8098,
-7.9325

■ 123.0450, 11.8098,
-7.9325

■ 255.0000, 0.0000,
0.0000

■ 97.9310, 11.3730,
-7.8325

■ 175.2730, 12.6834,
-8.1324

■ 73.8170, 10.9362,
-7.7325

■ 203.2730, 12.6834,
-8.1324

■ 51.4040, 10.6468,
-8.2473

■ 231.0450, 11.8098,
-7.9325

■ 29.8770, 9.9206,
-8.6621

■ 253.5050, 0.7370,
-3.0739

■ 6.8280, 10.9308,
-5.9882

■ 0.0000, 0.0000,
0.0000

■ 123.0450, 11.8098,
-7.9325

■ 123.0450, 11.8098,
-7.9325

■ 112.1030, 17.2042,
-11.4913

■ 133.9870, 6.4154,
-4.3736

■ 102.0470, 22.1618,
-14.9502

■ 144.0430, 1.4578,
-0.9147

■ 91.1050, 27.5562,
-18.5091

■ 154.9850, -3.9366,
2.6442

■ 80.1630, 32.9506,
-22.0680

■ 165.9270, -9.3310,
6.2030

■ 70.1070, 37.9082,
-25.5268

■ 175.9830,
-14.2886, 9.6619

■ 59.1650, 43.3027,
-29.0857

■ 186.9250,
-19.6830, 13.2208

■ 48.2230, 48.6971,
-32.6446

■ 197.8670,
-25.0774, 16.7796

■ 40.2380, 52.6337,

■ 208.8090,

-35.2887

-30.4718, 20.3385

■ 218.8650,
-35.4294, 23.7974

Harmonies

Analogous

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



120.6800, 11.9898, -19.0134



123.0450, 11.8098, -7.9325



124.9110, 8.4249, 4.4631

Triad

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



123.0450, 11.8098, -7.9325



124.3570, -8.0640, 19.8579



119.2170, -2.5720, -15.0993

Complementary

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



123.0450, 11.8098, -7.9325



137.9550, -11.8098, 7.9325

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.



120.7900, -8.2775, -5.0778



123.0450, 11.8098, -7.9325



123.5260, -11.1053, 15.3247

Square

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



123.0450, 11.8098, -7.9325



125.4370, -2.6804, 19.7878



122.0580, -11.3676, 6.0881



118.1820, 3.8543, -22.9616

Rectangle

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



123.0450, 11.8098, -7.9325



125.7440, 5.0562, 11.6255



122.0580, -11.3676, 6.0881



119.9570, -4.9088, -12.2403

Sweetspot

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



123.0450, 11.8098, -7.9325



181.8300, 4.5208, -3.3589



136.1070, 0.9332, -19.3878



91.0860, 2.9156, -1.8294



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.



123.0450, 11.8098, -7.9325



154.0320, 18.2252, -12.3061



119.8550, 13.3825, 1.0042



68.9720, 2.4788, -1.7294



38.0380, 49.2813, -33.3593



2.9010, 3.4998, -2.5442

Inverse Universe

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



124.8930, -0.9332, 19.3878



156.8450, -1.4026, 29.9539



141.1450, -13.3825, -1.0042



69.3210, -0.1583, 4.1035



45.5940, -3.7438, 81.0401



3.3320, -0.1637, 5.8478

Previews

White Background



This preview shows how the YUV color 123.0450, 11.8098, -7.9325 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 123.0450, 11.8098, -7.9325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

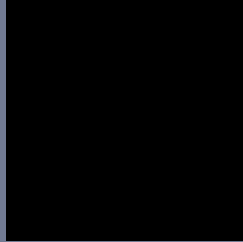
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

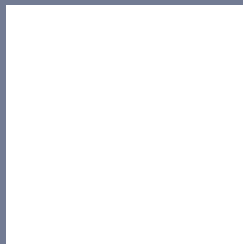
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 123.0450, 11.8098, -7.9325

Background



This preview shows how black text looks on a background with the YUV color 123.0450, 11.8098, -7.9325.



This preview shows how white text looks on a background with the YUV color 123.0450, 11.8098, -7.9325.

-7.9325.

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

123.0450, 11.8098, -7.9325

Protanopia

123.5400, 11.0728, -4.8586

Deuteranopia

124.0890, 11.7881, -0.9551



Tritanopia

122.2530, 6.2843, -8.9919

Trichromacy



Original Color

123.0450, 11.8098, -7.9325

Protanomaly

123.2410, 11.2202, -5.4734

Deuteranomaly

123.7790, 11.9410, -3.3142

Tritanomaly

122.4210, 8.1734, -8.2622

Monochromacy



Original Color

123.0450, 11.8098, -7.9325

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.1290, 4.3734, -2.7441

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.0450, 11.8098, -7.9325 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(114, 123, 147)` looks like.

```
.text, #text, p{  
    color:rgb(114, 123, 147)  
}
```

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(114, 123, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 123, 147) }
```

Border

The CSS property to change the border of an element to YUV 123.0450, 11.8098, -7.9325 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(114, 123, 147) }
```


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

```
.border{ border-color:rgb(114, 123, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 123, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 123, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 123, 147);  
box-shadow:4px 4px 4px 4px rgb(114, 123,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 123.0450, 11.8098, -7.9325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 123, 147) }
```

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

```
.background{ background-color: rgb(114,  
123, 147) }
```

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