

Converting Colors

YUV(122.8390, 27.6874,
-13.8908)

Have a look what the booklet for
YUV(122.8390, 27.6874, -13.8908)
contains.

YUV(122.8390, 27.6874, -13.8908)	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(122.8390, 27.6874,
-13.8908)**

Conversions

Conversions Part 1

Format	Color
Hex	6B78B3
RGB	107, 120, 179
RGB Percent	42%, 47%, 70%
CMY	0.5804, 0.5294, 0.2980
CMYK	0.40, 0.33, 0.00, 0.30
HSL	229°, 32%, 56%
HSV	229°, 40%, 70%
XYZ	20.9166, 19.8134, 45.3698
YIQ	122.8390, -26.6870, 15.5930

Conversions

Conversions Part 2

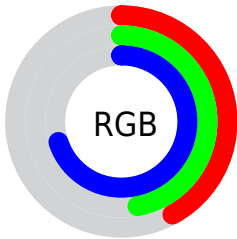
Format	Color
R_{YB}	107, 118, 179
Decimal	7043251
CIE _{Lab}	51.63, 10.38, -32.79
CIE _{LCh}	52, 34.390, 287.569
Yxy	19.8134, 0.2429, 0.2301
Android (android.graphics.Color)	4285233331 (0xFF6B78B3)
YUV	122.8390, 27.6874, -13.8908
Hunter-Lab	44.5123, 5.9817, -29.2736

Details

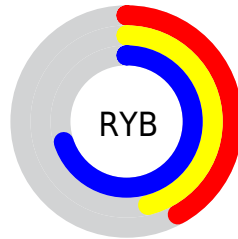
The YUV color **122.8390, 27.6874, -13.8908** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **163.1610, -27.6874, 13.8908**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.8930, 29.1398, -13.0612**, and **73.0730, 26.0930, -15.8500** is the 20% darker color. If you saturate the color by 10%, you get **108.6520, 34.6816, -17.2348**, and if you desaturate by 10%, it is **137.0260, 20.6932, -10.5468**.

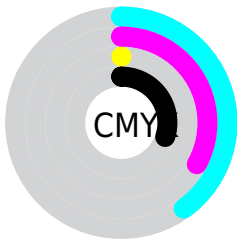
Distribution



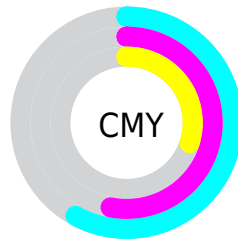
- Red (42%)
- Green (47%)
- Blue (70%)



- Red (42%)
- Yellow (46%)
- Blue (70%)



- Cyan (40%)
- Magenta (33%)
- Yellow (0%)
- Black (30%)



- Cyan (58%)
- Magenta (53%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.8390, 27.6874, -13.8908 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 122.8390, 27.6874, -13.8908 by changing the saturation by 10% instead.

■ 122.8390, 27.6874,
-13.8908

■ 122.8390, 27.6874,
-13.8908

■ 255.0000, 0.0000,
0.0000

■ 97.3120, 26.9612,
-14.3056

■ 175.8930, 29.1398,
-13.0612

■ 73.0730, 26.0930,
-15.8500

■ 202.3940, 25.9348,
-11.7465

■ 48.9370, 25.6671,
-19.2387

■ 227.2020, 13.7044,
-8.9472

■ 25.6870, 24.8043,
-22.5275

■ 252.3090, 1.3267,
-5.5330

■ 7.2160, 22.5715,
-6.3284

■ 4.7080, 12.9620,
-4.1289

■ 0.3420, 1.3104,

-0.2999

■ 0.0000, 0.0000,
0.0000

■ 122.8390, 27.6874,
-13.8908

■ 122.8390, 27.6874,
-13.8908

■ 108.6520, 34.6816,
-17.2348

■ 137.0260, 20.6932,
-10.5468

■ 95.0520, 41.3864,
-21.0936

■ 150.6260, 13.9884,
-6.6880

■ 80.8650, 48.3806,
-24.4376

■ 164.8130, 6.9942,
-3.3440

■ 66.6780, 55.3747,
-27.7816

■ 179.0000, 0.0000,
0.0000

■ 53.3770, 61.9321,
-31.0256

■ 192.3010, -6.5574,
3.2440

■ 39.1900, 68.9263,
-34.3696

■ 206.4880,
-13.5516, 6.5880

■ 220.6750,
-20.5458, 9.9320

■ 234.2750,
-27.2506, 13.7908

■ 244.5750,
-32.3285, 9.1427

Harmonies

Analogous

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



111.4810, 33.7799, -54.7958



122.8390, 27.6874, -13.8908



126.8170, 17.8382, 18.5775

Triad

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



122.8390, 27.6874, -13.8908



123.4710, -20.9382, 42.5599



107.7840, 0.5995, -52.4306

Complementary

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



122.8390, 27.6874, -13.8908



163.1610, -27.6874, 13.8908

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.



115.2150, -16.3750, -21.2366



122.8390, 27.6874, -13.8908



121.5370, -27.8727, 26.7161

Square

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



122.8390, 27.6874, -13.8908



124.7180, -8.7350, 48.4823



119.1490, -26.2025, 4.2543



96.9660, 21.2158, -85.0392

Rectangle

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



122.8390, 27.6874, -13.8908



126.7390, 9.4957, 34.4319



119.1490, -26.2025, 4.2543



110.9550, -5.4008, -41.1795

Sweetspot

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



122.8390, 27.6874, -13.8908



210.1270, 10.7834, -5.3734



155.9900, 4.9349, -42.9642



104.5850, 6.1206, -3.1440



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



122.8390, 27.6874, -13.8908



145.3940, 42.6968, -21.3935



122.0850, 28.0591, 6.9415



82.2000, 3.3524, -1.9294



33.8780, 58.7271, -29.7110



5.8990, 9.9098, -5.1734

Inverse Universe

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



130.0100, -4.9349, 42.9642



156.4690, -7.6262, 66.2407



163.9150, -28.0591, -6.9415



82.9190, -0.4531, 5.3330



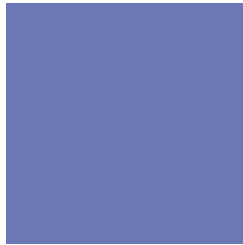
48.9390, -10.3229, 91.2615



8.3440, -1.6486, 15.4843

Previews

White Background



This preview shows how the YUV color 122.8390, 27.6874, -13.8908 looks on a white background.

Color Contrast Check

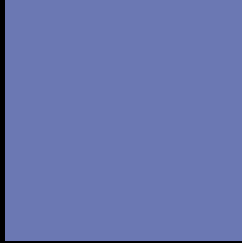
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.8390, 27.6874, -13.8908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

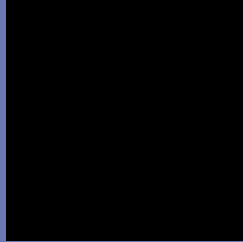
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 122.8390, 27.6874, -13.8908

Background



This preview shows how black text looks on a background with the YUV color 122.8390, 27.6874, -13.8908.



This preview shows how white text looks on a background with the YUV color 122.8390, 27.6874, -13.8908.

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

122.8390, 27.6874, -13.8908

Protanopia

122.3440, 28.4244, -16.9647

Deuteranopia

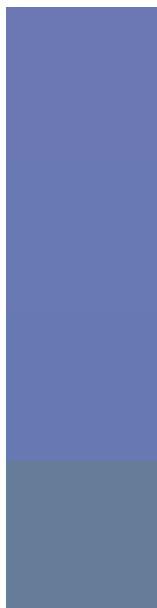
121.9200, 28.1404, -19.2238



Tritanopia

119.8710, 8.9376, -20.0579

Trichromacy



Original Color

122.8390, 27.6874, -13.8908

Protanomaly

122.6430, 28.2770, -16.3499

Deuteranomaly

122.2300, 27.9876, -16.8647

Tritanomaly

121.0160, 15.7681, -17.5540

Monochromacy



Original Color

122.8390, 27.6874, -13.8908

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

122.8990, 9.9098, -5.1734

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.8390, 27.6874, -13.8908 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(107, 120, 179)` looks like.

```
.text, #text, p{  
    color:rgb(107, 120, 179)  
}
```

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(107, 120, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 120, 179) }
```

Border

The CSS property to change the border of an element to YUV 122.8390, 27.6874, -13.8908 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(107, 120, 179) }
```


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

```
.border{ border-color:rgb(107, 120, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 120, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 120, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 120, 179);  
box-shadow:4px 4px 4px 4px rgb(107, 120,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 122.8390, 27.6874, -13.8908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 120, 179) }
```

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

```
.background{ background-color: rgb(107,  
120, 179) }
```

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