

Converting Colors

YUV(123.1690, 0.4097, 8.6218)

Have a look what the booklet for
YUV(123.1690, 0.4097, 8.6218)
contains.

YUV(123.1690, 0.4097, 8.6218)	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(123.1690, 0.4097,
8.6218)**

Conversions

Conversions Part 1

Format	Color
Hex	85767C
RGB	133, 118, 124
RGB Percent	52%, 46%, 49%
CMY	0.4784, 0.5373, 0.5137
CMYK	0.00, 0.11, 0.07, 0.48
HSL	336°, 6%, 49%
HSV	336°, 11%, 52%
XYZ	19.7894, 19.3986, 21.7701
YIQ	123.1690, 7.0140, 5.0460

Conversions

Conversions Part 2

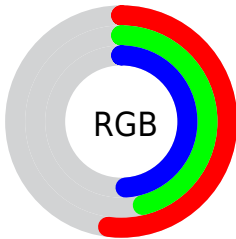
Format	Color
R_{YB}	133, 118, 124
Decimal	8746620
CIE Lab	51.15, 6.91, -1.17
CIE LCh	51, 7.005, 350.364
Yxy	19.3986, 0.3246, 0.3182
Android (android.graphics.Color)	4286936700 (0xFF85767C)
YUV	123.1690, 0.4097, 8.6218
Hunter-Lab	44.0439, 3.1251, 1.5248

Details

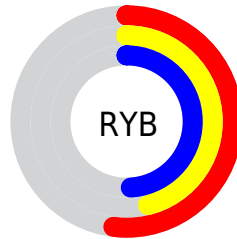
The YUV color $123.1690, 0.4097, 8.6218$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $127.8310, -0.4097, -8.6218$, and the grayscale version is $123.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $175.4680, 0.2623, 9.2366$, and $74.4570, 0.2677, 7.4922$ is the 20% darker color. If you saturate the color by 10%, you get $114.6260, 0.6774, 16.1140$, and if you desaturate by 10%, it is $131.7120, 0.1420, 1.1296$.

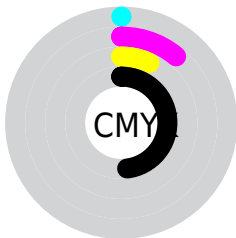
Distribution



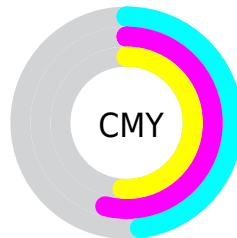
- Red (52%)
- Green (46%)
- Blue (49%)



- Red (52%)
- Yellow (46%)
- Blue (49%)



- Cyan (0%)
- Magenta (11%)
- Yellow (7%)
- Black (48%)





- Cyan (48%)
- Magenta (54%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the YUV color 123.1690, 0.4097, 8.6218 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 123.1690, 0.4097, 8.6218 by changing the saturation by 10% instead.

 123.1690, 0.4097,
8.6218


 123.1690, 0.4097,
8.6218


255.0000, 0.0000,
0.0000


 98.1690, 0.4097,
8.6218


 175.4680, 0.2623,
9.2366

 74.4570, 0.2677,
7.4922


 202.8810, 0.5517,
9.7514


 51.5710, 0.7045,
7.3922

 230.8810, 0.5517,
9.7514

 30.8590, 0.5625,
6.2627

254.4130, 0.2894,
0.5148

 6.4790, 0.2569,
10.9809

 0.0000, 0.0000,
0.0000

■ 123.1690, 0.4097,
8.6218

■ 123.1690, 0.4097,
8.6218

■ 114.6260, 0.6774,
16.1140

■ 131.7120, 0.1420,
1.1296

■ 105.4960, 1.2345,
24.1210

■ 140.8420, -0.4151,
-6.8774

■ 96.9530, 1.5022,
31.6132

■ 149.3850, -0.6828,
-14.3696

■ 88.4100, 1.7699,
39.1054

■ 157.9280, -0.9505,
-21.8619

■ 79.2800, 2.3270,
47.1124

■ 167.0580, -1.5076,
-29.8689

■ 70.7370, 2.5947,
54.6047

■ 175.6010, -1.7753,
-37.3611

■ 62.1940, 2.8624,
62.0969

■ 184.1440, -2.0430,
-44.8533

■ 53.6510, 3.1301,

■ 192.6870, -2.3107,

69.5891

-52.3455

 45.8090, 3.5452,
76.4665

 201.8170, -2.8678,
-60.3525

Harmonies

Analogous

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



122.9450, 3.4781, 4.4332



123.1690, 0.4097, 8.6218



123.0830, -2.5059, 10.4512

Triad

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



123.1690, 0.4097, 8.6218



121.3330, -5.0942, 0.5850



120.6010, 5.1267, -11.0511

Complementary

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



123.1690, 0.4097, 8.6218



127.8310, -0.4097, -8.6218

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.



119.7320, 3.0901, -11.1660



123.1690, 0.4097, 8.6218



120.1690, -3.0413, -4.5332

Square

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



123.1690, 0.4097, 8.6218



122.1380, -5.9840, 6.0180



119.9450, 0.0271, -8.7218



121.4490, 5.6946, -6.5328

Rectangle

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



123.1690, 0.4097, 8.6218



122.9150, -4.3951, 9.7215



119.9450, 0.0271, -8.7218



120.3730, 4.2531, -10.8511

Sweetspot

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



123.1690, 0.4097, 8.6218



169.7230, 0.1366, 2.8739



122.4010, 5.2253, 4.0333



84.4240, 0.2840, 2.2592



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



123.1690, 0.4097, 8.6218



157.3160, 0.8302, 13.7549



123.6590, -2.7899, 8.1921



62.0220, -0.0108, 3.4887



44.7980, 3.5506, 74.7222



1.0110, -0.0054, 1.7444

Inverse Universe

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



123.1690, 0.4097, 8.6218



157.3160, 0.8302, 13.7549



127.9280, 2.5005, -8.7069



62.0220, -0.0108, 3.4887



44.7980, 3.5506, 74.7222



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 123.1690, 0.4097, 8.6218 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 123.1690, 0.4097, 8.6218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

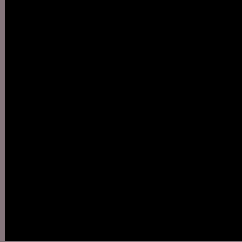
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.1690, 0.4097, 8.6218

Background



This preview shows how black text looks on a background with the YUV color 123.1690, 0.4097, 8.6218.



This preview shows how white text looks on a background with the YUV color 123.1690, 0.4097,

8.6218.

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

123.1690, 0.4097, 8.6218

Protanopia

122.1680, 1.8892, 0.7297

Deuteranopia

123.1690, 0.4097, 8.6218



Tritanopia

123.5110, 1.7201, 8.3219

Trichromacy



Original Color

123.1690, 0.4097, 8.6218

Protanomaly

122.6630, 1.1521, 3.8035

Deuteranomaly

123.1690, 0.4097, 8.6218

Tritanomaly

123.3970, 1.2833, 8.4218

Monochromacy



Original Color

123.1690, 0.4097, 8.6218

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.0220, -0.0108, 3.4887

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.1690, 0.4097, 8.6218 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(133, 118, 124)` looks like.

```
.text, #text, p{  
    color:rgb(133, 118, 124)  
}
```

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(133, 118, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 118, 124) }
```

Border

The CSS property to change the border of an element to YUV 123.1690, 0.4097, 8.6218 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(133, 118, 124) }
```


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

```
.border{ border-color:rgb(133, 118, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 118, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 118, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 118, 124);  
box-shadow:4px 4px 4px 4px rgb(133, 118,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 123.1690, 0.4097, 8.6218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 118, 124) }
```

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

```
.background{ background-color: rgb(133,  
118, 124) }
```

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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