

Converting Colors

YUV(123.8440, 33.6009, 2.7678)

Have a look what the booklet for
YUV(123.8440, 33.6009, 2.7678)
contains.

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Color

**YUV(123.8440, 33.6009,
2.7678)**

Conversions

Conversions Part 1

Format	Color
Hex	7F6DC0
RGB	127, 109, 192
RGB Percent	50%, 43%, 75%
CMY	0.5020, 0.5725, 0.2471
CMYK	0.34, 0.43, 0.00, 0.25
HSL	253°, 40%, 59%
HSV	253°, 43%, 75%
XYZ	23.7355, 19.2551, 52.3348
YIQ	123.8440, -15.9150, 29.6290

Conversions

Conversions Part 2

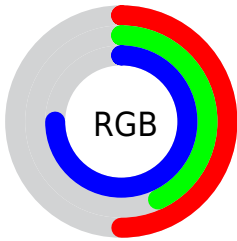
Format	Color
R_{YB}	127, 109, 192
Decimal	8351168
CIE _{Lab}	50.98, 26.14, -41.18
CIE _{LCh}	51, 48.771, 302.408
Yxy	19.2551, 0.2490, 0.2020
Android (android.graphics.Color)	4286541248 (0xFF7F6DC0)
YUV	123.8440, 33.6009, 2.7678
Hunter-Lab	43.8806, 19.7614, -39.9966

Details

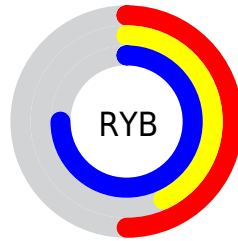
The YUV color **123.8440, 33.6009, 2.7678** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **177.1560, -33.6009, -2.7678**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.3110, 35.3427, 4.1123**, and **73.6650, 31.7172, 0.2938** is the 20% darker color. If you saturate the color by 10%, you get **108.2060, 41.3104, 3.3273**, and if you desaturate by 10%, it is **139.4820, 25.8914, 2.2083**.

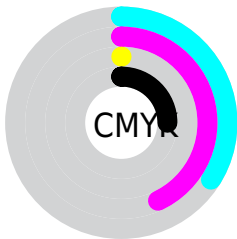
Distribution



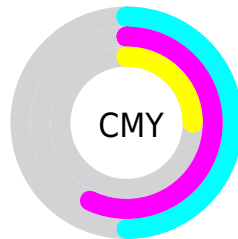
- Red (50%)
- Green (43%)
- Blue (75%)



- Red (50%)
- Yellow (43%)
- Blue (75%)



- Cyan (34%)
- Magenta (43%)
- Yellow (0%)
- Black (25%)



- Cyan (50%)
- Magenta (57%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.8440, 33.6009, 2.7678 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 123.8440, 33.6009, 2.7678 by changing the saturation by 10% instead.

■ 123.8440, 33.6009,
2.7678

■ 123.8440, 33.6009,
2.7678

■ 255.0000, 0.0000,
0.0000

■ 98.6050, 32.7327,
1.2234

■ 177.3110, 35.3427,
4.1123

■ 73.6650, 31.7172,
0.2938

■ 202.2160, 26.0225,
6.8266

■ 50.0130, 30.5596,
-1.7654

■ 227.3230, 13.6448,
10.2407

■ 25.8660, 30.1391,
-6.8985

■ 248.5430, 3.1833,
5.6628

■ 7.2960, 27.9551,
-6.3986

■ 6.3210, 16.6037,
-5.5435

■ 2.6390, 7.5730,

-2.3144

■ 0.0000, 0.0000,
0.0000

■ 123.8440, 33.6009,
2.7678

■ 123.8440, 33.6009,
2.7678

■ 108.2060, 41.3104,
3.3273

■ 139.4820, 25.8914,
2.2083

■ 92.5680, 49.0200,
3.8869

■ 155.1200, 18.1818,
1.6488

■ 76.3430, 57.0189,
4.9612

■ 171.3450, 10.1829,
0.5744

■ 60.7050, 64.7284,
5.5207

■ 186.9830, 2.4734,
0.0149

■ 45.0670, 72.4380,
6.0802

■ 202.6210, -5.2362,
-0.5446

■ 34.4460, 77.6741,
6.6249

■ 218.2590,
-12.9457, -1.1041

■ 233.8970,
-20.6552, -1.6637

■ 245.4260,
-26.3390, 1.3804

■ 247.8180,
-27.5183, 6.2986

Harmonies

Analogous

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



103.9210, 49.8319, -70.0907



123.8440, 33.6009, 2.7678



124.6830, 17.9043, 44.1280

Triad

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



123.8440, 33.6009, 2.7678



118.9050, -35.9422, 48.3183



97.4900, 13.0694, -85.4987

Complementary

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



123.8440, 33.6009, 2.7678



177.1560, -33.6009, -2.7678

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.



100.3950, -9.5617, -59.9824



123.8440, 33.6009, 2.7678



116.1330, -41.9706, 21.8084

Square

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



123.8440, 33.6009, 2.7678



119.2550, -19.8457, 65.5514



112.0300, -32.5528, -12.3043



101.5770, 31.2675, -89.0830

Rectangle

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



123.8440, 33.6009, 2.7678



121.9920, 5.9199, 61.3970



112.0300, -32.5528, -12.3043



95.1930, 6.8069, -83.4843

Sweetspot

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



123.8440, 33.6009, 2.7678



222.8550, 13.3825, 1.0042



156.6170, 17.4438, -41.7601



108.4760, 8.1463, 0.4595



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



123.8440, 33.6009, 2.7678



143.1920, 52.6563, 4.2166



136.1030, 27.5572, 27.9737



88.7380, 4.0732, 0.2298



28.8190, 65.1652, 5.4207



5.8550, 13.3825, 1.0042

Inverse Universe

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



141.2270, 16.1571, 44.5279



170.4980, 25.3905, 69.7233



164.8970, -27.5572, -27.9737



90.9020, 2.0203, 5.3479



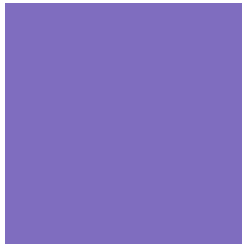
62.5030, 31.3040, 86.3819



12.8310, 6.4923, 17.6882

Previews

White Background



This preview shows how the YUV color 123.8440, 33.6009, 2.7678 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 123.8440, 33.6009, 2.7678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

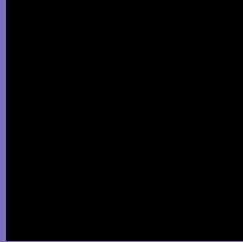
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.8440, 33.6009, 2.7678

Background



This preview shows how black text looks on a background with the YUV color 123.8440, 33.6009, 2.7678.

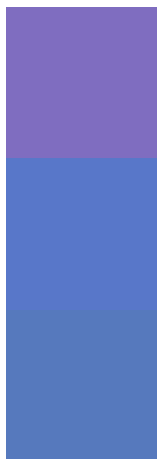


This preview shows how white text looks on a background with the YUV color 123.8440, 33.6009, 2.7678.

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

123.8440, 33.6009, 2.7678

Protanopia

119.0790, 40.3871, -27.2563

Deuteranopia

118.2870, 34.8615, -28.3157



Tritanopia

120.7480, 5.5472, -5.9180

Trichromacy



Original Color

123.8440, 33.6009, 2.7678

Protanomaly

120.5750, 38.1705, -16.2903

Deuteranomaly

120.5380, 34.2448, -17.1348

Tritanomaly

121.8160, 15.8667, -2.4696

Monochromacy



Original Color

123.8440, 33.6009, 2.7678

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

124.2140, 12.2195, 0.6893

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.8440, 33.6009, 2.7678 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(127, 109, 192)` looks like.

```
.text, #text, p{  
    color:rgb(127, 109, 192)  
}
```

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(127, 109, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 109, 192) }
```

Border

The CSS property to change the border of an element to YUV 123.8440, 33.6009, 2.7678 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(127, 109, 192) }
```


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

```
.border{ border-color:rgb(127, 109, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 109, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 109, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 109, 192);  
box-shadow:4px 4px 4px 4px rgb(127, 109,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 123.8440, 33.6009, 2.7678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 109, 192) }
```

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

```
.background{ background-color: rgb(127,  
109, 192) }
```

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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