

Converting Colors

YUV(99.5780, 33.7320, 7.3861)

Have a look what the booklet for
YUV(99.5780, 33.7320, 7.3861)
contains.

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Color

**YUV(99.5780, 33.7320,
7.3861)**

Conversions

Conversions Part 1

Format	Color
Hex	6C52A8
RGB	108, 82, 168
RGB Percent	42%, 32%, 66%
CMY	0.5765, 0.6784, 0.3412
CMYK	0.36, 0.51, 0.00, 0.34
HSL	258°, 34%, 49%
HSV	258°, 51%, 66%
XYZ	16.2695, 12.0499, 38.5142
YIQ	99.5780, -12.1100, 32.2580

Conversions

Conversions Part 2

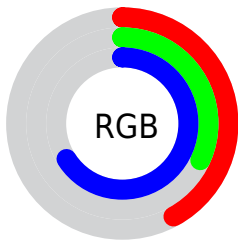
Format	Color
R _Y B	108, 82, 168
Decimal	7099048
CIE Lab	41.30, 30.66, -42.66
CIE LCh	41, 52.532, 305.703
Yxy	12.0499, 0.2434, 0.1803
Android (android.graphics.Color)	4285289128 (0xFF6C52A8)
YUV	99.5780, 33.7320, 7.3861
Hunter-Lab	34.7129, 22.9130, -41.4834

Details

The YUV color **99.5780, 33.7320, 7.3861** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **150.4220, -33.7320, -7.3861**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.4580, 35.7632, 9.2453**, and **50.6870, 31.7063, 3.7825** is the 20% darker color. If you saturate the color by 10%, you get **86.0110, 40.4206, 8.7604**, and if you desaturate by 10%, it is **113.1450, 27.0435, 6.0118**.

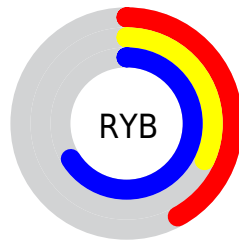
Distribution



Red (42%)

Green (32%)

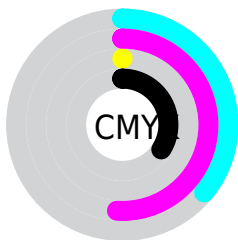
Blue (66%)



Red (42%)

Yellow (32%)

Blue (66%)

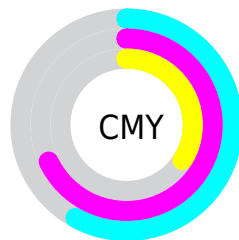


Cyan (36%)

Magenta (51%)

Yellow (0%)

Black (34%)



Cyan (58%)

Magenta (68%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.5780, 33.7320, 7.3861 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 99.5780, 33.7320, 7.3861 by changing the saturation by 10% instead.

■ 99.5780, 33.7320,
7.3861

■ 99.5780, 33.7320,
7.3861

■ 255.0000, 0.0000,
0.0000

■ 74.6380, 32.7165,
6.4565

■ 151.4580, 35.7632,
9.2453

■ 50.6870, 31.7063,
3.7825

■ 178.3980, 36.7788,
10.1750

■ 26.8500, 31.1329,
1.0085

■ 203.1460, 25.5640,
13.9040

■ 8.1220, 28.5339,
-5.3690

■ 228.2530, 13.1863,
17.3181

■ 6.6630, 17.9141,
-5.8435

■ 247.3690, 3.7621,
6.6924

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,

0.0000

■ 99.5780, 33.7320,
7.3861

■ 99.5780, 33.7320,
7.3861

■ 86.0110, 40.4206,
8.7604

■ 113.1450, 27.0435,
6.0118

■ 72.7430, 46.9617,
10.7494

■ 126.4130, 20.5024,
4.0228

■ 59.7630, 53.3608,
11.6088

■ 139.3930, 14.1033,
3.1633

■ 46.1960, 60.0494,
12.9831

■ 152.9600, 7.4147,
1.7891

■ 34.4010, 65.8643,
14.5573

■ 166.5270, 0.7262,
0.4148

■ 179.7950, -5.8149,
-1.5742

■ 193.3620,
-12.5035, -2.9485

■ 206.3420,
-18.9026, -3.8079

■ 219.6100,
-25.4437, -5.7970

Harmonies

Analogous

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



79.6760, 51.4317, -69.8759



99.5780, 33.7320, 7.3861



97.4280, 18.0300, 50.4906

Triad

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



99.5780, 33.7320, 7.3861



92.5150, -41.1729, 46.0293



80.6490, 12.0050, -70.7292

Complementary

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



99.5780, 33.7320, 7.3861



150.4220, -33.7320, -7.3861

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.



74.3450, -7.0721, -65.2006



99.5780, 33.7320, 7.3861



90.4160, -44.5751, 17.1752

Square

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



99.5780, 33.7320, 7.3861



92.2120, -21.3035, 66.4661



85.2420, -34.1363, -17.7522



84.8500, 30.6400, -74.4134

Rectangle

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



99.5780, 33.7320, 7.3861



93.4380, 6.1931, 67.1449



85.2420, -34.1363, -17.7522



78.9390, 5.4531, -69.2295

Sweetspot

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



99.5780, 33.7320, 7.3861



192.7520, 12.9403, 2.8485



127.0240, 20.2012, -39.4860



94.0740, 7.8515, 1.6891



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



99.5780, 33.7320, 7.3861



113.1220, 52.1979, 11.2940



112.4350, 27.3935, 33.8215



77.5100, 3.1996, 0.4297



30.3270, 58.0128, 12.8682



4.0740, 7.8515, 1.6891

Inverse Universe

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



114.5540, 13.5309, 46.8721



136.3690, 21.0171, 72.4674



137.5650, -27.3935, -33.8215



79.0760, 1.4415, 4.3183



55.9940, 23.1740, 80.6893



7.5760, 3.1670, 10.8958

Previews

White Background



This preview shows how the YUV color 99.5780, 33.7320, 7.3861 looks on a white 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

Black Background



This preview shows how the YUV color 99.5780, 33.7320, 7.3861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

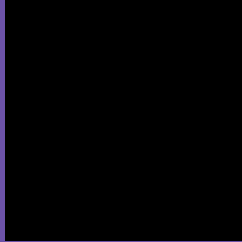
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.5780, 33.7320, 7.3861

Background



This preview shows how black text looks on a background with the YUV color 99.5780, 33.7320, 7.3861.



This preview shows how white text looks on a background with the YUV color 99.5780, 33.7320,

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

99.5780, 33.7320, 7.3861

Protanopia

92.2460, 43.7557, -34.4187

Deuteranopia

91.1720, 35.9042, -36.1078



Tritanopia

97.3140, 3.7892, -2.0294

Trichromacy



Original Color

99.5780, 33.7320, 7.3861

Protanomaly

94.7210, 40.0705, -19.0493

Deuteranomaly

94.0430, 34.9818, -20.2087

Tritanomaly

98.4960, 14.5455, 1.3190

Monochromacy



Original Color

99.5780, 33.7320, 7.3861

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

99.6380, 12.5035, 2.9485

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.5780, 33.7320, 7.3861 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(108, 82, 168)` looks like.

```
.text, #text, p{  
    color:rgb(108, 82, 168)  
}
```

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(108, 82, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 82, 168) }
```

Border

The CSS property to change the border of an element to YUV 99.5780, 33.7320, 7.3861 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(108, 82, 168) }
```


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

```
.border{ border-color:rgb(108, 82, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 82, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 82, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 82, 168);  
box-shadow:4px 4px 4px 4px rgb(108, 82,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 99.5780, 33.7320, 7.3861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 82, 168) }
```

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

```
.background{ background-color: rgb(108, 82,  
168) }
```

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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