

Converting Colors

YUV(99.7840, 17.8545, 13.3444)

Have a look what the booklet for
YUV(99.7840, 17.8545, 13.3444)
contains.

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Color

**YUV(99.7840, 17.8545,
13.3444)**

Conversions

Conversions Part 1

Format	Color
Hex	735588
RGB	115, 85, 136
RGB Percent	45%, 33%, 53%
CMY	0.5490, 0.6667, 0.4667
CMYK	0.15, 0.38, 0.00, 0.47
HSL	275°, 23%, 43%
HSV	275°, 38%, 53%
XYZ	14.7627, 11.9194, 24.8152
YIQ	99.7840, 1.5090, 22.2210

Conversions

Conversions Part 2

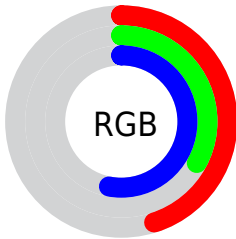
Format	Color
R_{YB}	115, 85, 136
Decimal	7558536
CIE _{Lab}	41.09, 22.70, -23.74
CIE _{LCh}	41, 32.846, 313.720
Yxy	11.9194, 0.2867, 0.2315
Android (android.graphics.Color)	4285748616 (0xFF735588)
YUV	99.7840, 17.8545, 13.3444
Hunter-Lab	34.5245, 15.9087, -18.4487

Details

The YUV color **99.7840, 17.8545, 13.3444** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **121.2160, -17.8545, -13.3444**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.1370, 19.1595, 14.7889**, and **52.4310, 16.5495, 11.9000** is the 20% darker color. If you saturate the color by 10%, you get **89.7720, 22.7904, 16.8630**, and if you desaturate by 10%, it is **109.7960, 12.9186, 9.8259**.

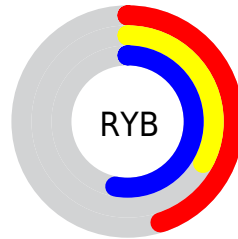
Distribution



Red (45%)

Green (33%)

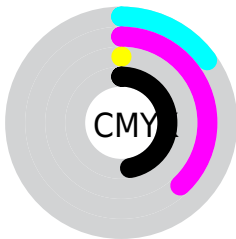
Blue (53%)



Red (45%)

Yellow (33%)

Blue (53%)

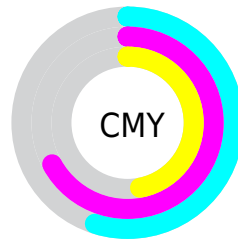


Cyan (15%)

Magenta (38%)

Yellow (0%)

Black (47%)



Cyan (55%)

Magenta (67%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.7840, 17.8545, 13.3444 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 99.7840, 17.8545, 13.3444 by changing the saturation by 10% instead.

■ 99.7840, 17.8545,
13.3444

■ 99.7840, 17.8545,
13.3444

■ 255.0000, 0.0000,
0.0000

■ 75.2570, 17.1283,
12.9296

■ 151.1370, 19.1595,
14.7889

■ 52.4310, 16.5495,
11.9000

■ 177.5500, 19.4489,
15.3037

■ 30.1920, 15.6813,
10.3556

■ 205.6640, 19.8856,
15.2037

■ 12.1490, 14.2235,
11.2703

■ 231.2100, 11.7285,
18.2328

■ 2.6390, 7.5730,
-2.3144

■ 249.1300, 2.8939,
5.1480

■ 0.0000, 0.0000,
0.0000

■ 99.7840, 17.8545,
13.3444

■ 99.7840, 17.8545,
13.3444

■ 89.7720, 22.7904,
16.8630

■ 109.7960, 12.9186,
9.8259

■ 80.6460, 27.2895,
20.4815

■ 118.9220, 8.4195,
6.2074

■ 70.6340, 32.2254,
24.0000

■ 128.9340, 3.4835,
2.6889

■ 61.5080, 36.7246,
27.6185

■ 138.0600, -1.0156,
-0.9296

■ 51.4960, 41.6605,
31.1370

■ 148.0720, -5.9515,
-4.4481

■ 41.4840, 46.5964,
34.6555


■ 158.0840,
-10.8874, -7.9667

■ 39.4240, 47.6120,
35.5852

■ 167.2100,
-15.3865, -11.5852

■ 177.2220,

-20.3224, -15.1037

 186.3480,
-24.8216, -18.7222

Harmonies

Analogous

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



95.1760, 26.5352, -17.6944



99.7840, 17.8545, 13.3444



99.0550, 6.8749, 35.0318

Triad

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



99.7840, 17.8545, 13.3444



95.3350, -24.8152, 26.0162



77.5830, 15.4886, -68.0403

Complementary

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



99.7840, 17.8545, 13.3444



121.2160, -17.8545, -13.3444

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.



82.1760, -0.5798, -47.5124



99.7840, 17.8545, 13.3444



93.2140, -24.7555, 6.8283

Square

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



99.7840, 17.8545, 13.3444



96.9590, -17.7278, 39.5010



89.9490, -16.2439, -16.6183



79.1450, 26.5505, -69.4102

Rectangle

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



99.7840, 17.8545, 13.3444



98.2210, -1.5880, 42.7792



89.9490, -16.2439, -16.6183



76.4430, 11.1206, -67.0405

Sweetspot

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



99.7840, 17.8545, 13.3444



162.4550, 6.6777, 4.8630



103.1410, 16.1995, -15.9097



81.0480, 3.9203, 2.5889



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



99.7840, 17.8545, 13.3444



119.7600, 27.7263, 20.3815



105.6070, 13.0117, 26.6547



63.9940, 2.4680, 1.7593



38.4840, 46.5964, 34.6555



1.4670, 1.7418, 1.3444

Inverse Universe

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



102.6430, 1.6550, 29.2541



124.2690, 2.3324, 45.3681



115.3930, -13.0117, -26.6547



64.4350, 0.2785, 4.0035



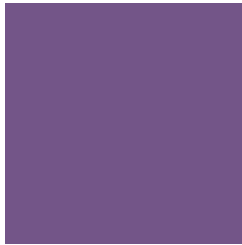
46.0370, 4.4188, 76.2666



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 99.7840, 17.8545, 13.3444 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 99.7840, 17.8545, 13.3444 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 99.7840, 17.8545, 13.3444

Background



This preview shows how black text looks on a background with the YUV color 99.7840, 17.8545, 13.3444.



This preview shows how white text looks on a background with the YUV color 99.7840, 17.8545,

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

99.7840, 17.8545, 13.3444

Protanopia

96.1010, 23.6142, -14.1206

Deuteranopia

97.0430, 18.2198, -10.5617



Tritanopia

98.5820, 0.6991, 9.1366

Trichromacy



Original Color

99.7840, 17.8545, 13.3444

Protanomaly

97.2980, 21.5451, -3.7693

Deuteranomaly

98.0980, 18.1927, -1.8399

Tritanomaly

98.9010, 6.9508, 10.6108

Monochromacy



Original Color

99.7840, 17.8545, 13.3444

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

100.0420, 6.3883, 4.3482

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.7840, 17.8545, 13.3444 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(115, 85, 136)` looks like.

```
.text, #text, p{  
    color:rgb(115, 85, 136)  
}
```

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(115, 85, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 85, 136) }
```

Border

The CSS property to change the border of an element to YUV 99.7840, 17.8545, 13.3444 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(115, 85, 136) }
```


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

```
.border{ border-color:rgb(115, 85, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 85, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 85, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 85, 136);  
box-shadow:4px 4px 4px 4px rgb(115, 85,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 99.7840, 17.8545, 13.3444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 85, 136) }
```

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

```
.background{ background-color: rgb(115, 85,  
136) }
```

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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