

Converting Colors

YUV(99.4350, 3.7295, 17.1585)

Have a look what the booklet for
YUV(99.4350, 3.7295, 17.1585)
contains.

YUV(99.4350, 3.7295, 17.1585)	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(99.4350, 3.7295,
17.1585)**

Conversions

Conversions Part 1

Format	Color
Hex	77586B
RGB	119, 88, 107
RGB Percent	47%, 35%, 42%
CMY	0.5333, 0.6549, 0.5804
CMYK	0.00, 0.26, 0.10, 0.53
HSL	323°, 15%, 41%
HSV	323°, 26%, 47%
XYZ	13.7513, 11.9629, 15.4942
YIQ	99.4350, 12.3770, 12.4810

Conversions

Conversions Part 2

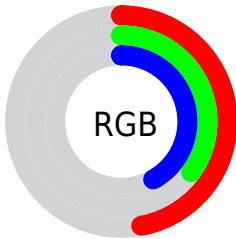
Format	Color
R_{YB}	119, 88, 107
Decimal	7821419
CIE _{Lab}	41.16, 16.12, -5.87
CIE _{LCh}	41, 17.154, 339.992
Yxy	11.9629, 0.3337, 0.2903
Android (android.graphics.Color)	4286011499 (0xFF77586B)
YUV	99.4350, 3.7295, 17.1585
Hunter-Lab	34.5875, 10.4401, -2.3491

Details

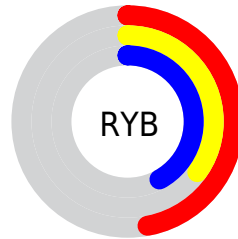
The YUV color $99.4350, 3.7295, 17.1585$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $107.5650, -3.7295, -17.1585$, and the grayscale version is $99.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $150.4460, 3.7241, 18.9029$, and $52.4240, 3.7350, 15.4142$ is the 20% darker color. If you saturate the color by 10%, you get $91.8210, 5.0182, 23.8360$, and if you desaturate by 10%, it is $107.0490, 2.4408, 10.4810$.

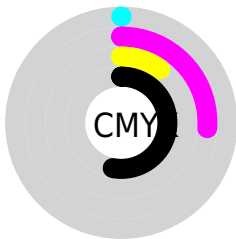
Distribution



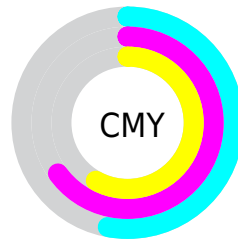
- Red (47%)
- Green (35%)
- Blue (42%)



- Red (47%)
- Yellow (35%)
- Blue (42%)



- Cyan (0%)
- Magenta (26%)
- Yellow (10%)
- Black (53%)



- Cyan (53%)
- Magenta (65%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.4350, 3.7295, 17.1585 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 99.4350, 3.7295, 17.1585 by changing the saturation by 10% instead.

■ 99.4350, 3.7295,
17.1585

■ 99.4350, 3.7295,
17.1585

■ 255.0000, 0.0000,
0.0000

■ 75.1360, 3.8770,
16.5437

■ 150.4460, 3.7241,
18.9029

■ 52.4240, 3.7350,
15.4142

■ 177.4460, 3.7241,
18.9029

■ 30.7120, 3.5930,
14.2846

■ 204.8590, 4.0135,
19.4177

■ 10.7230, 3.5876,
16.0289

■ 232.8590, 4.0135,
19.4177

■ 0.0000, 0.0000,
0.0000

■ 250.8910, 2.0257,
3.6036

■ 99.4350, 3.7295,
17.1585

■ 99.4350, 3.7295,
17.1585

■ 91.8210, 5.0182,
23.8360

■ 107.0490, 2.4408,
10.4810

■ 84.3210, 6.7437,
30.4135

■ 114.5490, 0.7153,
3.9035

■ 76.7070, 8.0324,
37.0910

■ 122.1630, -0.5734,
-2.7740

■ 69.2070, 9.7579,
43.6685

■ 129.6630, -2.2989,
-9.3515

■ 61.5930, 11.0467,
50.3459

■ 136.6900, -3.2982,
-15.5141

■ 54.5660, 12.0460,
56.5086

■ 144.3040, -4.5869,
-22.1916

■ 47.0660, 13.7715,
63.0861

■ 151.8040, -6.3124,
-28.7691

■ 43.9030, 14.3448,

■ 159.4180, -7.6011,

65.8601

-35.4466

■ 166.9180, -9.3266,
-42.0241

Harmonies

Analogous

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



98.9650, 9.8773, 5.2927



99.4350, 3.7295, 17.1585



99.0460, -2.9807, 22.7617

Triad

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



99.4350, 3.7295, 17.1585



96.1890, -13.4042, 5.9732



90.9020, 11.8803, -30.6091

Complementary

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



99.4350, 3.7295, 17.1585



107.5650, -3.7295, -17.1585

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.



90.4910, 5.1809, -28.4946



99.4350, 3.7295, 17.1585



94.4370, -9.5824, -6.5222

Square

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



99.4350, 3.7295, 17.1585



97.3690, -12.9999, 16.3394



92.1950, -2.5611, -18.5880



93.3420, 14.6214, -23.1019

Rectangle

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



99.4350, 3.7295, 17.1585



98.6070, -7.2013, 23.1467



92.1950, -2.5611, -18.5880



90.7340, 9.9911, -31.3387

Sweetspot

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



99.4350, 3.7295, 17.1585



147.7990, 1.5781, 7.1923



95.1220, 11.7719, 4.2780



73.9620, 1.0047, 4.4183



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



99.4350, 3.7295, 17.1585



125.0710, 5.8810, 27.1247



97.7250, -2.8224, 18.6582



55.1360, 0.4260, 3.3887



45.0280, 14.7762, 67.5044



92.1920, 29.9783, 138.3976

Inverse Universe

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



99.4350, 3.7295, 17.1585



125.0710, 5.8810, 27.1247



109.2750, 2.8224, -18.6582



55.1360, 0.4260, 3.3887



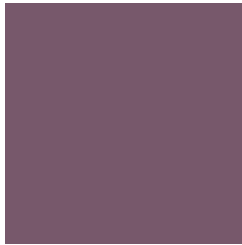
45.0280, 14.7762, 67.5044



92.1920, 29.9783, 138.3976

Previews

White Background



This preview shows how the YUV color 99.4350, 3.7295, 17.1585 looks on a white background.

Color Contrast Check

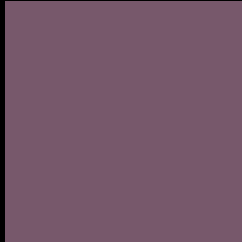
Large Text (above 18pt) WCAG AA ✓ Pass

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 99.4350, 3.7295, 17.1585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

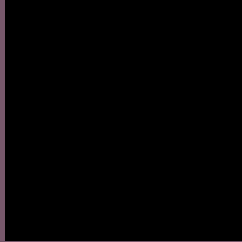
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.4350, 3.7295, 17.1585

Background



This preview shows how black text looks on a background with the YUV color 99.4350, 3.7295, 17.1585.



This preview shows how white text looks on a background with the YUV color 99.4350, 3.7295,

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

99.4350, 3.7295, 17.1585

Protanopia

97.8130, 6.9942, -3.3440

Deuteranopia

98.6460, 3.6255, 3.8185



Tritanopia

99.1700, -1.0698, 16.5139

Trichromacy



Original Color

99.4350, 3.7295, 17.1585

Protanomaly

98.5150, 5.6621, 3.9333

Deuteranomaly

98.6790, 3.6093, 9.0515

Tritanomaly

99.0390, 0.9668, 16.6288

Monochromacy



Original Color

99.4350, 3.7295, 17.1585

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

99.0870, 1.4361, 6.0627

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.4350, 3.7295, 17.1585 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(119, 88, 107)` looks like.

```
.text, #text, p{  
    color:rgb(119, 88, 107)  
}
```

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(119, 88, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 88, 107) }
```

Border

The CSS property to change the border of an element to YUV 99.4350, 3.7295, 17.1585 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(119, 88, 107) }
```


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

```
.border{ border-color:rgb(119, 88, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 88, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 88, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 88, 107);  
box-shadow:4px 4px 4px 4px rgb(119, 88,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 99.4350, 3.7295, 17.1585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 88, 107) }
```

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

```
.background{ background-color: rgb(119, 88,  
107) }
```

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