

Converting Colors

YUV(113.5230, 0.2352, 17.9583)

Have a look what the booklet for
YUV(113.5230, 0.2352, 17.9583)
contains.

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Color

**YUV(113.5230, 0.2352,
17.9583)**

Conversions

Conversions Part 1

Format	Color
Hex	866772
RGB	134, 103, 114
RGB Percent	53%, 40%, 45%
CMY	0.4745, 0.5961, 0.5529
CMYK	0.00, 0.23, 0.15, 0.47
HSL	339°, 13%, 46%
HSV	339°, 23%, 53%
XYZ	17.7190, 15.9837, 18.0709
YIQ	113.5230, 14.9450, 9.9930

Conversions

Conversions Part 2

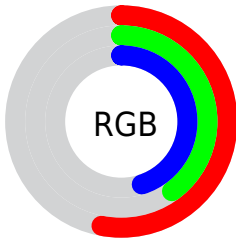
Format	Color
R_{YB}	134, 103, 114
Decimal	8808306
CIE _{Lab}	46.95, 14.28, -1.37
CIE _{LCh}	47, 14.346, 354.521
Yxy	15.9837, 0.3422, 0.3087
Android (android.graphics.Color)	4286998386 (0xFF866772)
YUV	113.5230, 0.2352, 17.9583
Hunter-Lab	39.9797, 9.1470, 1.1866

Details

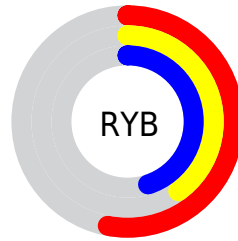
The YUV color **113.5230, 0.2352, 17.9583** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **123.4770, -0.2352, -17.9583**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.5340, 0.2297, 19.7027**, and **65.5120, 0.2406, 16.2140** is the 20% darker color. If you saturate the color by 10%, you get **104.8660, 0.0661, 25.5505**, and if you desaturate by 10%, it is **122.1800, 0.4043, 10.3661**.

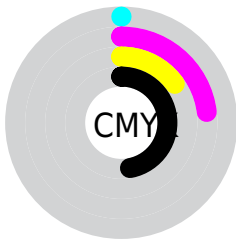
Distribution



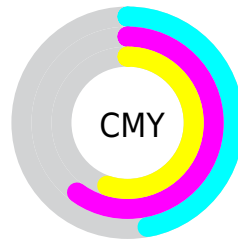
- Red (53%)
- Green (40%)
- Blue (45%)



- Red (53%)
- Yellow (40%)
- Blue (45%)



- Cyan (0%)
- Magenta (23%)
- Yellow (15%)
- Black (47%)



- Cyan (47%)
- Magenta (60%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the YUV color 113.5230, 0.2352, 17.9583 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 113.5230, 0.2352, 17.9583 by changing the saturation by 10% instead.


 113.5230, 0.2352,
17.9583

 113.5230, 0.2352,
17.9583


255.0000, 0.0000,
0.0000

 88.9250, 0.5300,
16.7288

 165.5340, 0.2297,
19.7027

 65.5120, 0.2406,
16.2140


 192.5340, 0.2297,
19.7027

 42.9140, 0.5354,
14.9844

 220.8330, 0.0823,
20.3175

 21.7290, 1.1196,
14.2697

 243.7500, 2.5883,
9.8663

 0.8970, -0.4422,
1.8443

 0.0000, 0.0000,
0.0000

■ 113.5230, 0.2352,
17.9583

■ 113.5230, 0.2352,
17.9583

■ 104.8660, 0.0661,
25.5505

■ 122.1800, 0.4043,
10.3661

■ 95.7360, 0.6232,
33.5575

■ 131.3100, -0.1528,
2.3591

■ 87.0790, 0.4541,
41.1497

■ 139.9670, 0.0163,
-5.2331

■ 77.8350, 0.5743,
49.2567

■ 149.2110, -0.1040,
-13.3400

■ 69.2920, 0.8420,
56.7489

■ 157.7540, -0.3717,
-20.8323

■ 60.6350, 0.6729,
64.3411

■ 166.4110, -0.2026,
-28.4244

■ 51.3910, 0.7932,
72.4481

■ 175.6550, -0.3229,
-36.5314

■ 45.5380, 1.2138,

■ 184.1980, -0.5906,

77.5812

-44.0236

 193.4420, -0.7109,
-52.1306

Harmonies

Analogous

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



113.2600, 5.7878, 10.2960



113.5230, 0.2352, 17.9583



112.7530, -5.3012, 20.3876

Triad

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



113.5230, 0.2352, 17.9583



109.9540, -10.3303, 0.0403



107.4300, 11.1270, -22.3021

Complementary

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



113.5230, 0.2352, 17.9583



123.4770, -0.2352, -17.9583

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.



106.3820, 7.2067, -24.8910



113.5230, 0.2352, 17.9583



108.4410, -5.6404, -10.9108

Square

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



113.5230, 0.2352, 17.9583



111.3790, -11.5258, 10.1916



106.8080, 1.0807, -20.0026



110.1260, 12.2629, -13.2655

Rectangle

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



113.5230, 0.2352, 17.9583



112.5310, -8.6428, 18.8283



106.8080, 1.0807, -20.0026



107.1910, 10.2588, -23.8465

Sweetspot

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



113.5230, 0.2352, 17.9583



165.1580, 0.4151, 6.8774



112.5140, 10.5926, 9.1962



82.3210, -0.1583, 4.1035



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.



113.5230, 0.2352, 17.9583



141.2900, 0.3500, 27.8097



114.6170, -5.7272, 16.9989



62.0220, -0.0108, 3.4887



44.1140, 0.9298, 75.3220



1.0110, -0.0054, 1.7444

Inverse Universe

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



113.5230, 0.2352, 17.9583



141.2900, 0.3500, 27.8097



122.3830, 5.7272, -16.9989



62.0220, -0.0108, 3.4887



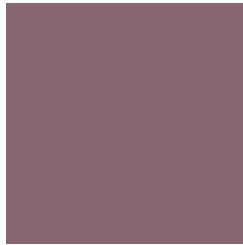
44.1140, 0.9298, 75.3220



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 113.5230, 0.2352, 17.9583 looks on a white background.

Color Contrast Check

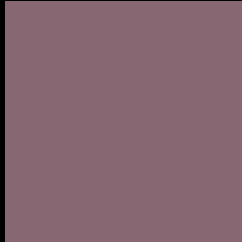
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.5230, 0.2352, 17.9583 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 113.5230, 0.2352, 17.9583

Background



This preview shows how black text looks on a background with the YUV color 113.5230, 0.2352, 17.9583.



This preview shows how white text looks on a background with the YUV color 113.5230, 0.2352,

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

113.5230, 0.2352, 17.9583

Protanopia

111.9120, 3.4944, -0.7998

Deuteranopia

112.7560, 0.1203, 8.1070



Tritanopia

113.1810, -1.0752, 18.2583

Trichromacy



Original Color

113.5230, 0.2352, 17.9583

Protanomaly

112.3150, 2.3097, 5.8627

Deuteranomaly

112.7780, 0.1094, 11.5957

Tritanomaly

113.2950, -0.6384, 18.1583

Monochromacy



Original Color

113.5230, 0.2352, 17.9583

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.7450, 0.1257, 6.3626

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.5230, 0.2352, 17.9583 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(134, 103, 114)` looks like.

```
.text, #text, p{  
    color:rgb(134, 103, 114)  
}
```

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(134, 103, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 103, 114) }
```

Border

The CSS property to change the border of an element to YUV 113.5230, 0.2352, 17.9583 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(134, 103, 114) }
```


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

```
.border{ border-color:rgb(134, 103, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 103, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 103, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 103, 114);  
box-shadow:4px 4px 4px 4px rgb(134, 103,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 113.5230, 0.2352, 17.9583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 103, 114) }
```

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

```
.background{ background-color: rgb(134,  
103, 114) }
```

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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