

Converting Colors

YUV(115.9870, 12.8244,
-53.4856)

Have a look what the booklet for
YUV(115.9870, 12.8244, -53.4856)
contains.

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Color

**YUV(115.9870, 12.8244,
-53.4856)**

Conversions

Conversions Part 1

Format	Color
Hex	378E8E
RGB	55, 142, 142
RGB Percent	22%, 56%, 56%
CMY	0.7843, 0.4431, 0.4431
CMYK	0.61, 0.00, 0.00, 0.44
HSL	180°, 44%, 39%
HSV	180°, 61%, 56%
XYZ	16.1310, 22.1112, 29.0089
YIQ	115.9870, -51.8520, -18.4440

Conversions

Conversions Part 2

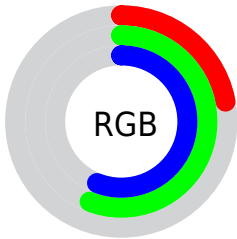
Format	Color
RYB	55, 99, 142
Decimal	3640974
CIELab	54.14, -25.52, -7.75
CIElCh	54, 26.671, 196.900
Yxy	22.1112, 0.2399, 0.3288
Android (android.graphics.Color)	4281831054 (0xFF378E8E)
YUV	115.9870, 12.8244, -53.4856
Hunter-Lab	47.0226, -21.0553, -3.6610

Details

The YUV color **115.9870, 12.8244, -53.4856** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **81.0130, -12.8244, 53.4856**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.8840, 12.3822, -51.6413**, and **63.9050, 13.8508, -56.0447** is the 20% darker color. If you saturate the color by 10%, you get **111.8010, 14.8881, -62.0925**, and if you desaturate by 10%, it is **120.1730, 10.7607, -44.8787**.

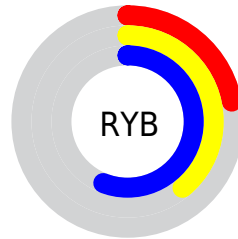
Distribution



Red (22%)

Green (56%)

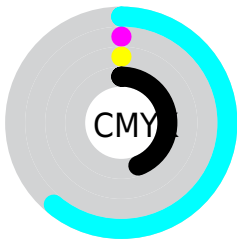
Blue (56%)



Red (22%)

Yellow (39%)

Blue (56%)

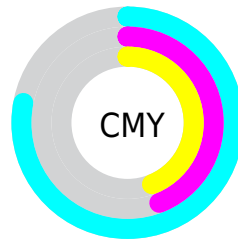


Cyan (61%)

Magenta (0%)

Yellow (0%)

Black (44%)



Cyan (78%)

Magenta (44%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.9870, 12.8244, -53.4856 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 115.9870, 12.8244, -53.4856 by changing the saturation by 10% instead.

■ 115.9870, 12.8244,
-53.4856

■ 115.9870, 12.8244,
-53.4856

■ 255.0000, 0.0000,
0.0000

■ 86.9970, 14.2985,
-59.6334

■ 170.8840, 12.3822,
-51.6413

■ 63.9050, 13.8508,
-56.0447

■ 198.8840, 12.3822,
-51.6413

■ 47.0810, 10.3131,
-41.2900

■ 227.4710, 12.0928,
-52.1561

■ 31.6590, 7.0701,
-27.7649

■ 237.6580, 8.5496,
-35.6571

■ 17.0520, 4.4114,
-14.9546

■ 246.3290, 4.2748,
-17.8285

■ 0.0000, 0.0000,
0.0000

■ 115.9870, 12.8244,
-53.4856

■ 115.9870, 12.8244,
-53.4856

■ 111.8010, 14.8881,
-62.0925

■ 120.1730, 10.7607,
-44.8787

■ 107.6150, 16.9518,
-70.6994

■ 124.3590, 8.6970,
-36.2718

■ 103.1300, 19.1629,
-79.9210

■ 128.8440, 6.4859,
-27.0502

■ 99.5420, 20.9318,
-87.2983

■ 133.0300, 4.4222,
-18.4433

■ 137.2160, 2.3585,
-9.8364

■ 141.4020, 0.2948,
-1.2296

■ 145.5880, -1.7689,
7.3773

■ 150.0730, -3.9800,

16.5990

■ 154.2590, -6.0437,
25.2059

Harmonies

Analogous

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



119.8400, -0.9071, -35.8167



115.9870, 12.8244, -53.4856



116.7940, 22.2866, -55.0703

Triad

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



115.9870, 12.8244, -53.4856



132.7580, 13.9233, 14.2442



129.1110, -21.7467, 21.8277

Complementary

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



115.9870, 12.8244, -53.4856



81.0130, -12.8244, 53.4856

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.



130.5670, -16.5485, 34.5827



115.9870, 12.8244, -53.4856



132.6370, 4.1230, 31.0134

Square

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



115.9870, 12.8244, -53.4856



129.5530, 21.4194, -10.1320



131.4070, -7.1027, 38.2311



126.6420, -20.5295, 4.6990

Rectangle

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



115.9870, 12.8244, -53.4856



121.4410, 24.4326, -43.3598



131.4070, -7.1027, 38.2311



129.4860, -20.4526, 26.7608

Sweetspot

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



115.9870, 12.8244, -53.4856



174.1330, 4.8644, -20.2876



106.0690, -25.1770, -44.7875



86.0200, 2.9481, -12.2955



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



115.9870, 12.8244, -53.4856



143.3360, 20.0474, -83.6097



90.7460, 25.2682, -31.3492



68.9070, 1.0318, -4.3034



94.6350, 19.8999, -82.9949



5.6080, 1.1793, -4.9182

Inverse Universe

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



90.9310, 25.1770, 44.7875



104.1680, 39.3572, 70.0127



106.8410, -25.5576, 30.8344



66.8910, 2.0257, 3.6036



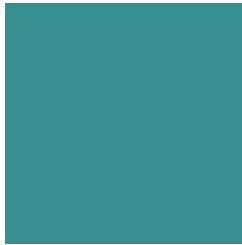
55.7550, 39.0678, 69.4979



3.3040, 2.3151, 4.1184

Previews

White Background



This preview shows how the YUV color 115.9870, 12.8244, -53.4856 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 115.9870, 12.8244, -53.4856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

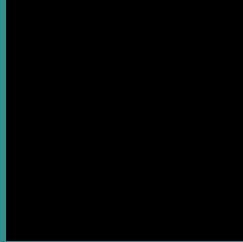
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 115.9870, 12.8244, -53.4856

Background



This preview shows how black text looks on a background with the YUV color 115.9870, 12.8244, -53.4856.

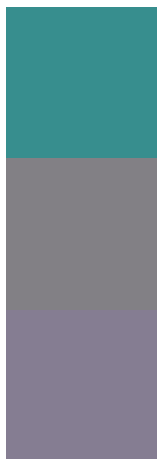


This preview shows how white text looks on a background with the YUV color 115.9870, 12.8244, -53.4856.

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

115.9870, 12.8244, -53.4856

Protanopia

129.1680, 1.8892, 0.7297

Deuteranopia

129.7860, 7.9935, 2.8187



Tritanopia

117.1490, 17.1815, -50.9967

Trichromacy



Original Color

115.9870, 12.8244, -53.4856

Protanomaly

124.3720, 5.7326, -18.7432

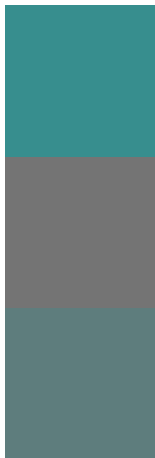
Deuteranomaly

124.8220, 9.9478, -17.3839

Tritanomaly

116.9810, 15.2924, -51.7263

Monochromacy



Original Color

115.9870, 12.8244, -53.4856

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

115.7310, 4.5696, -19.0581

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.9870, 12.8244, -53.4856 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(55, 142, 142)` looks like.

```
.text, #text, p{  
    color:rgb(55, 142, 142)  
}
```

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(55, 142, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 142, 142) }
```

Border

The CSS property to change the border of an element to YUV 115.9870, 12.8244, -53.4856 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(55, 142, 142) }
```


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

```
.border{ border-color:rgb(55, 142, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 142, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 142, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 142, 142);  
box-shadow:4px 4px 4px 4px rgb(55, 142,  
142) }
```

Background

The CSS property to change the background color of an element to YUV 115.9870, 12.8244, -53.4856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 142, 142) }
```

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

```
.background{ background-color: rgb(55, 142,  
142) }
```

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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