

Converting Colors

YUV(118.3860, 4.2467,
-55.5895)

Have a look what the booklet for
YUV(118.3860, 4.2467, -55.5895)
contains.

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Color

**YUV(118.3860, 4.2467,
-55.5895)**

Conversions

Conversions Part 1

Format	Color
Hex	37957F
RGB	55, 149, 127
RGB Percent	22%, 58%, 50%
CMY	0.7843, 0.4157, 0.5020
CMYK	0.63, 0.00, 0.15, 0.42
HSL	166°, 46%, 40%
HSV	166°, 63%, 58%
XYZ	16.1538, 23.8394, 23.8287
YIQ	118.3860, -48.9620, -26.7700

Conversions

Conversions Part 2

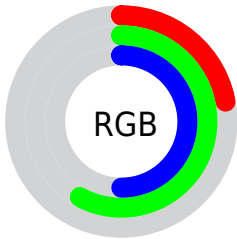
Format	Color
R_{YB}	55, 108, 149
Decimal	3642751
CIE _{Lab}	55.93, -33.07, 3.49
CIE _{LCh}	56, 33.253, 173.982
Yxy	23.8394, 0.2531, 0.3735
Android (android.graphics.Color)	4281832831 (0xFF37957F)
YUV	118.3860, 4.2467, -55.5895
Hunter-Lab	48.8256, -26.3889, 5.2422

Details

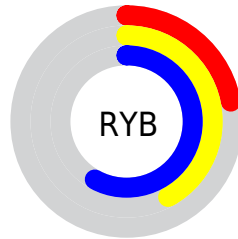
The YUV color **118.3860, 4.2467, -55.5895** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **85.6140, -4.2467, 55.5895**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.7560, 3.0783, -54.1600**, and **65.8310, 5.9993, -57.7338** is the 20% darker color. If you saturate the color by 10%, you get **113.5590, 5.1474, -64.5112**, and if you desaturate by 10%, it is **123.2130, 3.3460, -46.6678**.

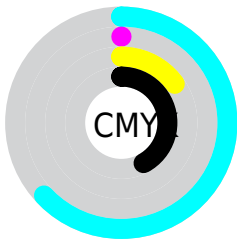
Distribution



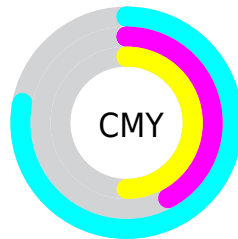
- Red (22%)
- Green (58%)
- Blue (50%)



- Red (22%)
- Yellow (42%)
- Blue (58%)



- Cyan (63%)
- Magenta (0%)
- Yellow (15%)
- Black (42%)



- Cyan (78%)
- Magenta (42%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.3860, 4.2467, -55.5895 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 118.3860, 4.2467, -55.5895 by changing the saturation by 10% instead.

■ 118.3860, 4.2467,
-55.5895

■ 118.3860, 4.2467,
-55.5895

■ 255.0000, 0.0000,
0.0000

■ 89.5100, 6.1576,
-61.8373

■ 173.7560, 3.0783,
-54.1600

■ 65.8310, 5.9993,
-57.7338

■ 201.6420, 2.6415,
-54.0600

■ 49.1210, 2.8983,
-43.0791

■ 226.7070, 4.0884,
-51.4860

■ 33.2260, 0.3816,
-29.1392

■ 237.6580, 8.5496,
-35.6571

■ 18.3910, -3.1508,
-16.1289

■ 246.3290, 4.2748,
-17.8285

■ 0.0000, 0.0000,
0.0000

■ 118.3860, 4.2467,
-55.5895

■ 118.3860, 4.2467,
-55.5895

■ 113.5590, 5.1474,
-64.5112

■ 123.2130, 3.3460,
-46.6678

■ 108.6180, 5.6113,
-73.3330

■ 128.1540, 2.8821,
-37.8461

■ 103.7910, 6.5120,
-82.2547

■ 132.9810, 1.9814,
-28.9243

■ 100.4590, 6.6757,
-88.1025

■ 137.9220, 1.5175,
-20.1026

■ 142.7490, 0.6167,
-11.1809

■ 147.3910, 0.3002,
-2.9739

■ 152.2180, -0.6005,
5.9478

■ 157.1590, -1.0644,

14.7696

■ 161.9860, -1.9651,
23.6913

Harmonies

Analogous

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



125.3930, -13.0117, -26.6547



118.3860, 4.2467, -55.5895



105.3610, 25.4580, -92.4016

Triad

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



118.3860, 4.2467, -55.5895



135.6120, 25.3343, -5.7987



133.9930, -22.6745, 39.4711

Complementary

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



118.3860, 4.2467, -55.5895



85.6140, -4.2467, 55.5895

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.



135.9090, -11.7871, 47.4378



118.3860, 4.2467, -55.5895



137.7530, 14.9118, 23.8956

Square

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



118.3860, 4.2467, -55.5895



127.2870, 31.4105, -41.4707



137.4320, 1.7590, 42.5941



132.2160, -27.7145, 22.6126

Rectangle

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



118.3860, 4.2467, -55.5895



106.0110, 33.0256, -92.9716



137.4320, 1.7590, 42.5941



134.5250, -19.4858, 43.3896

Sweetspot

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



118.3860, 4.2467, -55.5895



181.9110, 1.5229, -21.8469



117.3540, -30.7405, -33.6365



89.8520, 1.0590, -13.0252



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



118.3860, 4.2467, -55.5895



146.0570, 6.3809, -86.8730



107.3930, 20.5123, -45.9487



71.6790, 0.1583, -4.1035



92.9760, 5.9278, -81.5400



6.7820, 0.6005, -5.9478

Inverse Universe

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



85.6140, -4.2467, 55.5895



94.8290, -6.8177, 86.9730



97.1940, -20.8016, 45.4339



69.2070, -0.5951, 4.2035



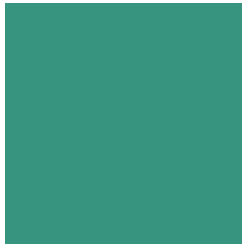
44.9100, -6.3646, 81.6399



3.2180, -0.6005, 5.9478

Previews

White Background



This preview shows how the YUV color 118.3860, 4.2467, -55.5895 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 118.3860, 4.2467, -55.5895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

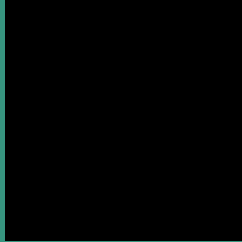
Any Text WCAG AA ✓ Pass

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 118.3860, 4.2467, -55.5895 Background



This preview shows how black text looks on a background with the YUV color 118.3860, 4.2467, -55.5895.



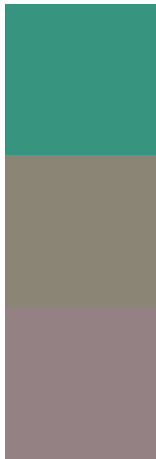
This preview shows how white text looks on a background with the YUV color 118.3860, 4.2467,

-55.5895.

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

118.3860, 4.2467, -55.5895

Protanopia

133.0840, -7.4364, 5.1883

Deuteranopia

134.6100, -1.7797, 10.8660



Tritanopia

123.0460, 16.7393, -49.1523

Trichromacy



Original Color

118.3860, 4.2467, -55.5895

Protanomaly

127.6790, -3.2927, -17.2585

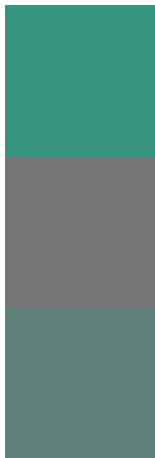
Deuteranomaly

128.7380, 0.6222, -12.9252

Tritanomaly

121.1830, 12.2348, -51.0265

Monochromacy



Original Color

118.3860, 4.2467, -55.5895

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.9220, 1.5175, -20.1026

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.3860, 4.2467, -55.5895 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, 149, 127)` looks like.

```
.text, #text, p{  
    color:rgb(55, 149, 127)  
}
```

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, 149, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 149, 127) }
```

Border

The CSS property to change the border of an element to YUV 118.3860, 4.2467, -55.5895 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, 149, 127) }
```


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

```
.border{ border-color:rgb(55, 149, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 149, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(55, 149, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(55, 149, 127); box-shadow:4px 4px 4px 4px rgb(55, 149, 127) }
```

Background

The CSS property to change the background color of an element to YUV 118.3860, 4.2467, -55.5895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 149, 127) }
```

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

```
.background{ background-color: rgb(55, 149,  
127) }
```

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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