

Converting Colors

YUV(127.3150, 5.2677,
-56.4043)

Have a look what the booklet for
YUV(127.3150, 5.2677, -56.4043)
contains.

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Color

**YUV(127.3150, 5.2677,
-56.4043)**

Conversions

Conversions Part 1

Format	Color
Hex	3F9E8A
RGB	63, 158, 138
RGB Percent	25%, 62%, 54%
CMY	0.7529, 0.3804, 0.4588
CMYK	0.60, 0.00, 0.13, 0.38
HSL	167°, 43%, 43%
HSV	167°, 60%, 62%
XYZ	18.8642, 27.3455, 28.3287
YIQ	127.3150, -50.2000, -26.3600

Conversions

Conversions Part 2

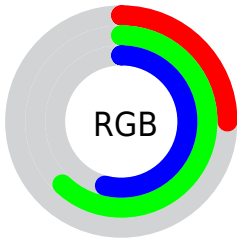
Format	Color
RYB	63, 116, 158
Decimal	4169354
CIELab	59.29, -32.88, 2.14
CIElCh	59, 32.952, 176.283
Yxy	27.3455, 0.2531, 0.3669
Android (android.graphics.Color)	4282359434 (0xFF3F9E8A)
YUV	127.3150, 5.2677, -56.4043
Hunter-Lab	52.2929, -27.1202, 4.4858

Details

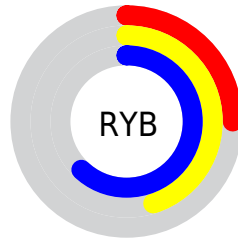
The YUV color **127.3150, 5.2677, -56.4043** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **93.6850, -5.2677, 56.4043**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.6850, 4.0993, -54.9747**, and **72.2540, 7.7628, -63.3668** is the 20% darker color. If you saturate the color by 10%, you get **122.1890, 6.3158, -65.9408**, and if you desaturate by 10%, it is **132.4410, 4.2196, -46.8678**.

Distribution



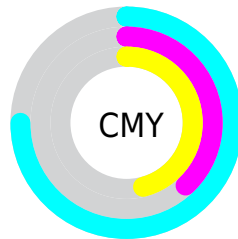
- Red (25%)
- Green (62%)
- Blue (54%)



- Red (25%)
- Yellow (45%)
- Blue (62%)



- Cyan (60%)
- Magenta (0%)
- Yellow (13%)
- Black (38%)



- Cyan (75%)
- Magenta (38%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.3150, 5.2677, -56.4043 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 127.3150, 5.2677, -56.4043 by changing the saturation by 10% instead.

■ 127.3150, 5.2677,
-56.4043

■ 127.3150, 5.2677,
-56.4043

■ 255.0000, 0.0000,
0.0000

■ 99.3360, 6.7364,
-60.8077

■ 182.6850, 4.0993,
-54.9747

■ 72.2540, 7.7628,
-63.3668

■ 211.2720, 3.8099,
-55.4895

■ 54.9570, 4.9512,
-48.1973

■ 230.8800, 8.4402,
-47.2528

■ 38.3610, 2.2870,
-33.6426

■ 240.0500, 7.3704,
-30.7388

■ 24.2270, -1.0979,
-21.2471

■ 249.0200, 2.9481,
-12.2955

■ 0.0000, 0.0000,
0.0000

■ 127.3150, 5.2677,
-56.4043

■ 127.3150, 5.2677,
-56.4043

■ 122.1890, 6.3158,
-65.9408

■ 132.4410, 4.2196,
-46.8678

■ 116.9490, 6.9271,
-75.3773

■ 137.6810, 3.6083,
-37.4312

■ 112.1220, 7.8279,
-84.2990

■ 142.5080, 2.7076,
-28.5095

■ 106.9960, 8.8760,
-93.8355

■ 147.6340, 1.6594,
-18.9730

■ 152.8740, 1.0481,
-9.5365

■ 158.0000, 0.0000,
0.0000

■ 163.1260, -1.0481,
9.5365

■ 168.0670, -1.5120,

18.3582

■ 173.1930, -2.5601,
27.8947

Harmonies

Analogous

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



134.0230, -11.8433, -28.0842



127.3150, 5.2677, -56.4043



118.3620, 23.9785, -84.5095

Triad

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



127.3150, 5.2677, -56.4043



144.8080, 24.7447, -3.3396



143.1670, -23.2533, 38.4415

Complementary

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



127.3150, 5.2677, -56.4043



93.6850, -5.2677, 56.4043

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.



144.6810, -12.6607, 47.6378



127.3150, 5.2677, -56.4043



146.5360, 14.0328, 25.8399

Square

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



127.3150, 5.2677, -56.4043



137.1950, 30.9629, -37.8820



146.2040, 0.8854, 42.7941



141.2050, -27.7091, 20.8682

Rectangle

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



127.3150, 5.2677, -56.4043



120.6210, 31.2458, -82.1056



146.2040, 0.8854, 42.7941



143.8840, -20.6488, 43.0747

Sweetspot

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



127.3150, 5.2677, -56.4043



194.7260, 2.1071, -22.5617



125.0440, -30.5877, -35.9956



97.5530, 1.2064, -13.6400



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



127.3150, 5.2677, -56.4043



158.8010, 7.9861, -88.4025



113.7460, 21.8172, -44.5042



76.3800, 0.3057, -4.7183



96.8230, 7.9753, -84.9138



10.1730, 0.9007, -8.9217

Inverse Universe

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



93.6850, -5.2677, 56.4043



106.0850, -8.4229, 88.5025



107.2540, -21.8172, 44.5042



73.6200, -0.3057, 4.7183



46.1770, -7.9753, 84.9138



4.8270, -0.9007, 8.9217

Previews

White Background



This preview shows how the YUV color 127.3150, 5.2677, -56.4043 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 127.3150, 5.2677, -56.4043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

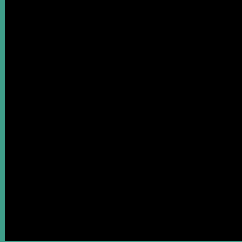
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 127.3150, 5.2677, -56.4043

Background



This preview shows how black text looks on a background with the YUV color 127.3150, 5.2677, -56.4043.

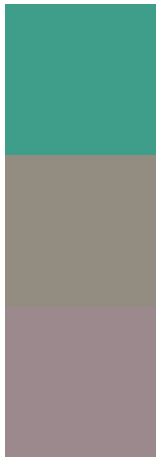


This preview shows how white text looks on a background with the YUV color 127.3150, 5.2677, -56.4043.

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

127.3150, 5.2677, -56.4043

Protanopia

141.4260, -6.1260, 4.8884

Deuteranopia

142.9520, -0.4693, 10.5661



Tritanopia

131.4480, 17.0341, -50.3819

Trichromacy



Original Color

127.3150, 5.2677, -56.4043

Protanomaly

136.0210, -1.9824, -17.5584

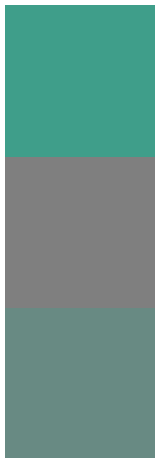
Deuteranomaly

137.6670, 1.6432, -13.7400

Tritanomaly

129.6990, 12.9664, -52.3560

Monochromacy



Original Color

127.3150, 5.2677, -56.4043

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

127.0360, 1.9543, -20.2026

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.3150, 5.2677, -56.4043 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(63, 158, 138)` looks like.

```
.text, #text, p{  
    color:rgb(63, 158, 138)  
}
```

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(63, 158, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 158, 138) }
```

Border

The CSS property to change the border of an element to YUV 127.3150, 5.2677, -56.4043 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(63, 158, 138) }
```


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

```
.border{ border-color:rgb(63, 158, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 158, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 158, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 158, 138);  
box-shadow:4px 4px 4px 4px rgb(63, 158,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 127.3150, 5.2677, -56.4043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 158, 138) }
```

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

```
.background{ background-color: rgb(63, 158,  
138) }
```

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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