

Converting Colors

YUV(123.4260, 13.5940,
-67.0256)

Have a look what the booklet for
YUV(123.4260, 13.5940, -67.0256)
contains.

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Color

**YUV(123.4260, 13.5940,
-67.0256)**

Conversions

Conversions Part 1

Format	Color
Hex	2F9D97
RGB	47, 157, 151
RGB Percent	18%, 62%, 59%
CMY	0.8157, 0.3843, 0.4078
CMYK	0.70, 0.00, 0.04, 0.38
HSL	177°, 54%, 40%
HSV	177°, 70%, 62%
XYZ	18.8152, 26.9526, 33.4889
YIQ	123.4260, -63.6340, -25.1860

Conversions

Conversions Part 2

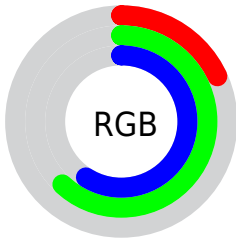
Format	Color
RYB	47, 104, 157
Decimal	3120535
CIELab	58.93, -31.57, -5.81
CIElCh	59, 32.104, 190.431
Yxy	26.9526, 0.2374, 0.3401
Android (android.graphics.Color)	4281310615 (0xFF2F9D97)
YUV	123.4260, 13.5940, -67.0256
Hunter-Lab	51.9159, -26.1616, -1.9044

Details

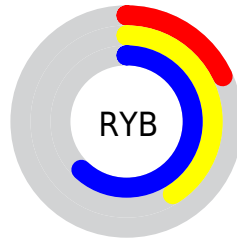
The YUV color **123.4260, 13.5940, -67.0256** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **80.5740, -13.5940, 67.0256**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.4050, 12.1253, -62.6222**, and **73.0350, 13.2937, -64.0517** is the 20% darker color. If you saturate the color by 10%, you get **118.5280, 15.5157, -76.7621**, and if you desaturate by 10%, it is **128.3240, 11.6723, -57.2891**.

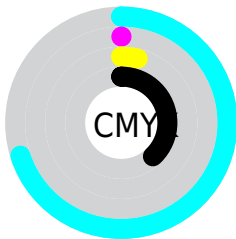
Distribution



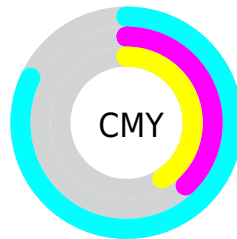
- Red (18%)
- Green (62%)
- Blue (59%)



- Red (18%)
- Yellow (41%)
- Blue (62%)



- Cyan (70%)
- Magenta (0%)
- Yellow (4%)
- Black (38%)



- Cyan (82%)
- Magenta (38%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.4260, 13.5940, -67.0256 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 123.4260, 13.5940, -67.0256 by changing the saturation by 10% instead.

■ 123.4260, 13.5940,
-67.0256

■ 123.4260, 13.5940,
-67.0256

■ 255.0000, 0.0000,
0.0000

■ 91.1470, 16.6895,
-79.9359

■ 180.4050, 12.1253,
-62.6222

■ 73.0350, 13.2937,
-64.0517

■ 209.2910, 11.6885,
-62.5222

■ 55.6240, 10.0454,
-48.7822

■ 228.6880, 12.9718,
-54.1004

■ 39.6150, 7.0918,
-34.7424

■ 237.3590, 8.6970,
-36.2718

■ 24.7800, 3.5595,
-21.7321

■ 246.3290, 4.2748,
-17.8285

■ 1.1400, 4.3680,
-0.9998

■ 0.0000, 0.0000,

0.0000

■ 123.4260, 13.5940,
-67.0256

■ 123.4260, 13.5940,
-67.0256

■ 118.5280, 15.5157,
-76.7621

■ 128.3240, 11.6723,
-57.2891

■ 113.9290, 17.2900,
-85.8837

■ 132.9230, 9.8980,
-48.1675

■ 109.0310, 19.2117,
-95.6202

■ 137.8210, 7.9762,
-38.4310

■ 142.6050, 5.6177,
-28.5946

■ 147.5030, 3.6960,
-18.8581

■ 152.1020, 1.9217,
-9.7365

■ 157.0000, 0.0000,
0.0000

■ 161.8980, -1.9217,
9.7365

■ 166.4970, -3.6960,
18.8581

Harmonies

Analogous

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



130.8950, -4.3852, -40.2499



123.4260, 13.5940, -67.0256



119.8340, 28.1828, -79.6614

Triad

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



123.4260, 13.5940, -67.0256



145.2290, 19.6071, 11.2002



141.4280, -25.8470, 30.3196

Complementary

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



123.4260, 13.5940, -67.0256



80.5740, -13.5940, 67.0256

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.



143.2800, -17.8860, 43.6044



123.4260, 13.5940, -67.0256



145.8700, 7.4591, 34.3170

Square

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



123.4260, 13.5940, -67.0256



140.2080, 27.9985, -20.3534



144.5050, -5.6720, 46.0381



138.8940, -26.0767, 10.6170

Rectangle

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



123.4260, 13.5940, -67.0256



127.0300, 31.0442, -64.0473



144.5050, -5.6720, 46.0381



141.7430, -23.5373, 36.1824

Sweetspot

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



123.4260, 13.5940, -67.0256



190.9150, 5.4649, -26.2355



113.6630, -32.8649, -52.3245



94.4110, 3.2484, -15.2694



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



123.4260, 13.5940, -67.0256



151.8450, 21.2754, -104.2271



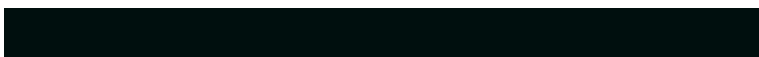
95.9340, 30.1055, -42.9151



76.6080, 1.1793, -4.9182



99.3310, 17.5848, -87.1133



10.4010, 1.7743, -9.1217

Inverse Universe

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



80.5740, -13.5940, 67.0256



85.1550, -21.2754, 104.2271



108.0660, -30.1055, 42.9151



73.5060, -0.7425, 4.8182



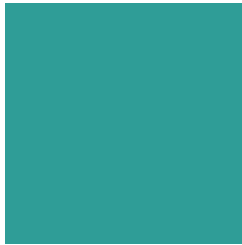
43.6690, -17.5848, 87.1133



4.5990, -1.7743, 9.1217

Previews

White Background



This preview shows how the YUV color 123.4260, 13.5940, -67.0256 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 123.4260, 13.5940, -67.0256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

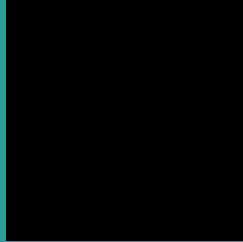
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.4260, 13.5940, -67.0256

Background



This preview shows how black text looks on a background with the YUV color 123.4260, 13.5940, -67.0256.



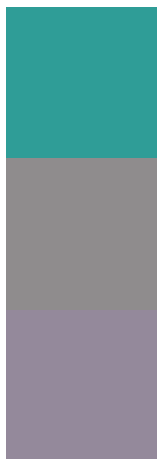
This preview shows how white text looks on a background with the YUV color 123.4260, 13.5940,

-67.0256.

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

123.4260, 13.5940, -67.0256

Protanopia

141.0110, -0.0054, 1.7444

Deuteranopia

142.3410, 6.2409, 4.9629



Tritanopia

126.7670, 19.8349, -62.0627

Trichromacy



Original Color

123.4260, 13.5940, -67.0256

Protanomaly

134.5240, 5.1647, -23.2615

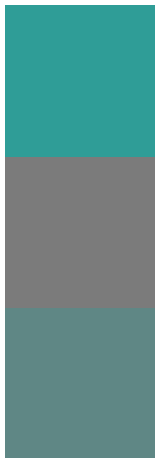
Deuteranomaly

135.2730, 9.2324, -21.2874

Tritanomaly

125.7730, 17.3669, -63.8219

Monochromacy



Original Color

123.4260, 13.5940, -67.0256

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

122.8120, 5.0227, -24.3911

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.4260, 13.5940, -67.0256 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(47, 157, 151)` looks like.

```
.text, #text, p{  
    color:rgb(47, 157, 151)  
}
```

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(47, 157, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 157, 151) }
```

Border

The CSS property to change the border of an element to YUV 123.4260, 13.5940, -67.0256 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(47, 157, 151) }
```


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

```
.border{ border-color:rgb(47, 157, 151) }
```

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

Here you see how a box with a 4 pixel rgb(47, 157, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 157, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 157, 151);  
box-shadow:4px 4px 4px 4px rgb(47, 157,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 123.4260, 13.5940, -67.0256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 157, 151) }
```

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

```
.background{ background-color: rgb(47, 157,  
151) }
```

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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