

Converting Colors

YUV(126.3840, 27.4187,
-67.8658)

Have a look what the booklet for
YUV(126.3840, 27.4187, -67.8658)
contains.

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Color

**YUV(126.3840, 27.4187,
-67.8658)**

Conversions

Conversions Part 1

Format	Color
Hex	319BB6
RGB	49, 155, 182
RGB Percent	19%, 61%, 71%
CMY	0.8078, 0.3922, 0.2863
CMYK	0.73, 0.15, 0.00, 0.29
HSL	192°, 58%, 45%
HSV	192°, 73%, 71%
XYZ	21.4315, 27.4731, 48.4292
YIQ	126.3840, -71.8430, -14.0750

Conversions

Conversions Part 2

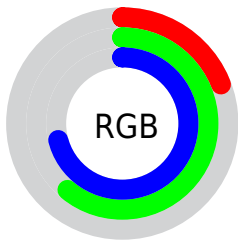
Format	Color
R_{YB}	49, 108, 182
Decimal	3251126
CIE _{Lab}	59.41, -20.71, -22.65
CIE _{LCh}	59, 30.694, 227.557
Yxy	27.4731, 0.2202, 0.2823
Android (android.graphics.Color)	4281441206 (0xFF319BB6)
YUV	126.3840, 27.4187, -67.8658
Hunter-Lab	52.4147, -18.7403, -18.0914

Details

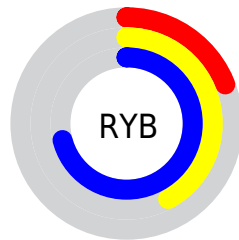
The YUV color **126.3840, 27.4187, -67.8658** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **104.6160, -27.4187, 67.8658**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.4880, 26.3814, -61.8180**, and **75.7540, 26.2503, -66.4363** is the 20% darker color. If you saturate the color by 10%, you get **118.6540, 31.2296, -76.8726**, and if you desaturate by 10%, it is **134.1140, 23.6078, -58.8590**.

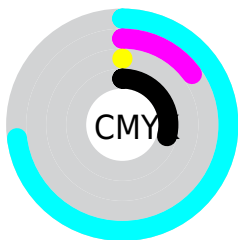
Distribution



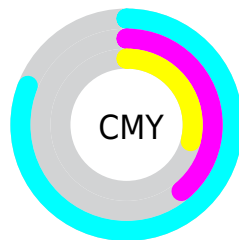
- Red (19%)
- Green (61%)
- Blue (71%)



- Red (19%)
- Yellow (42%)
- Blue (71%)



- Cyan (73%)
- Magenta (15%)
- Yellow (0%)
- Black (29%)



- Cyan (81%)
- Magenta (39%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.3840, 27.4187, -67.8658 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 126.3840, 27.4187, -67.8658 by changing the saturation by 10% instead.

■ 126.3840, 27.4187,
-67.8658

■ 126.3840, 27.4187,
-67.8658

■ 255.0000, 0.0000,
0.0000

■ 93.3930, 30.3723,
-81.9057

■ 184.4880, 26.3814,
-61.8180

■ 75.7540, 26.2503,
-66.4363

■ 211.5330, 21.4292,
-60.1034

■ 58.2290, 22.5651,
-51.0668

■ 230.4820, 12.0874,
-50.4117

■ 41.9920, 18.7379,
-36.8270

■ 239.4520, 7.6652,
-31.9684

■ 27.0430, 14.7688,
-23.7167

■ 248.1230, 3.3904,
-14.1399

■ 5.1640, 14.7091,
-4.5288

■ 1.2540, 4.8048,

-1.0998

■ 0.0000, 0.0000,
0.0000

■ 126.3840, 27.4187,
-67.8658

■ 126.3840, 27.4187,
-67.8658

■ 118.6540, 31.2296,
-76.8726

■ 134.1140, 23.6078,
-58.8590

■ 111.5110, 34.7511,
-86.3941

■ 141.2570, 20.0863,
-49.3374

■ 105.8630, 37.5355,
-92.8419

■ 149.2860, 16.1280,
-39.7158

■ 157.0160, 12.3171,
-30.7090

■ 164.1590, 8.7956,
-21.1874

■ 171.8890, 4.9847,
-12.1807

■ 179.6190, 1.1738,
-3.1739

■ 187.6480, -2.7845,
6.4477

■ 194.7910, -6.3060,
15.9693

Harmonies

Analogous

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



125.7080, 15.9200, -66.3959



126.3840, 27.4187, -67.8658



135.7060, 29.2319, -42.7152

Triad

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



126.3840, 27.4187, -67.8658



146.9690, 3.9593, 36.8612



139.4310, -23.8765, 4.8840

Complementary

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



126.3840, 27.4187, -67.8658



104.6160, -27.4187, 67.8658

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.



142.5090, -25.3939, 24.9866



126.3840, 27.4187, -67.8658



145.3970, -8.5767, 44.3788

Square

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



126.3840, 27.4187, -67.8658



146.4640, 16.5332, 17.1331



144.3890, -19.9118, 40.0008



136.2800, -14.9280, -18.6626

Rectangle

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



126.3840, 27.4187, -67.8658



140.9690, 27.1303, -21.8978



144.3890, -19.9118, 40.0008



141.0190, -25.6454, 12.2613

Sweetspot

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



126.3840, 27.4187, -67.8658



215.5820, 10.5591, -26.8204



130.1490, -26.6955, -71.1677



107.2090, 6.3060, -15.9693



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



126.3840, 27.4187, -67.8658



149.8550, 42.9625, -106.8668



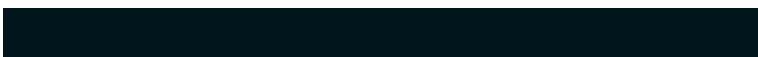
87.6420, 46.5185, -33.8890



88.1350, 1.9054, -4.5034



90.5720, 32.2560, -79.4316



16.1060, 5.8637, -14.1250

Inverse Universe

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



100.8510, 26.6955, 71.1677



109.5290, 42.1372, 111.7921



143.3580, -46.5185, 33.8890



86.4890, 1.7309, 4.8331



60.7800, 31.1675, 83.5079



10.8800, 5.4822, 15.0142

Previews

White Background



This preview shows how the YUV color 126.3840, 27.4187, -67.8658 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 126.3840, 27.4187, -67.8658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

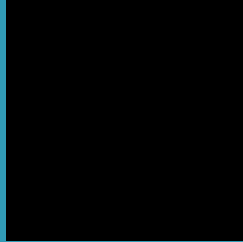
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 126.3840, 27.4187, -67.8658

Background



This preview shows how black text looks on a background with the YUV color 126.3840, 27.4187, -67.8658.

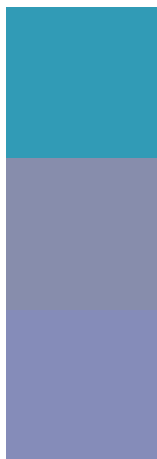


This preview shows how white text looks on a background with the YUV color 126.3840, 27.4187, -67.8658.

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

126.3840, 27.4187, -67.8658

Protanopia

142.7400, 14.4252, -6.7880

Deuteranopia

143.0370, 20.6878, -8.8024



Tritanopia

123.4990, 22.9250, -73.2286

Trichromacy



Original Color

126.3840, 27.4187, -67.8658

Protanomaly

136.8620, 19.2950, -28.8200

Deuteranomaly

136.5890, 23.3736, -30.3346

Tritanomaly

124.2650, 24.5194, -71.2694

Monochromacy



Original Color

126.3840, 27.4187, -67.8658

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

126.3650, 9.6801, -24.8761

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.3840, 27.4187, -67.8658 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(49, 155, 182)` looks like.

```
.text, #text, p{  
    color:rgb(49, 155, 182)  
}
```

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(49, 155, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 155, 182) }
```

Border

The CSS property to change the border of an element to YUV 126.3840, 27.4187, -67.8658 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(49, 155, 182) }
```


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

```
.border{ border-color:rgb(49, 155, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 155, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 155, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 155, 182);  
box-shadow:4px 4px 4px 4px rgb(49, 155,  
182) }
```

Background

The CSS property to change the background color of an element to YUV 126.3840, 27.4187, -67.8658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 155, 182) }
```

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

```
.background{ background-color: rgb(49, 155,  
182) }
```

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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