

Converting Colors

YUV(129.3250, 26.9548,
-59.0440)

Have a look what the booklet for
YUV(129.3250, 26.9548, -59.0440)
contains.

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Color

**YUV(129.3250, 26.9548,
-59.0440)**

Conversions

Conversions Part 1

Format	Color
Hex	3E99B8
RGB	62, 153, 184
RGB Percent	24%, 60%, 72%
CMY	0.7569, 0.4000, 0.2784
CMYK	0.66, 0.17, 0.00, 0.28
HSL	195°, 50%, 48%
HSV	195°, 66%, 72%
XYZ	22.0296, 27.2673, 49.4494
YIQ	129.3250, -64.1870, -9.6510

Conversions

Conversions Part 2

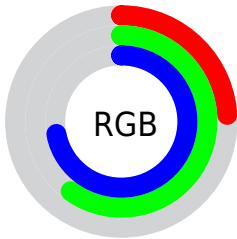
Format	Color
R_{YB}	62, 114, 184
Decimal	4102584
CIE _{Lab}	59.22, -17.10, -24.04
CIE _{LCh}	59, 29.499, 234.583
Yxy	27.2673, 0.2231, 0.2761
Android (android.graphics.Color)	4282292664 (0xFF3E99B8)
YUV	129.3250, 26.9548, -59.0440
Hunter-Lab	52.2181, -16.0768, -19.5937

Details

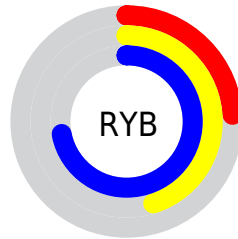
The YUV color **129.3250, 26.9548, -59.0440** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **116.6750, -26.9548, 59.0440**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.6460, 26.7965, -54.9405**, and **74.8080, 27.7027, -65.6066** is the 20% darker color. If you saturate the color by 10%, you get **121.0080, 31.0551, -67.5360**, and if you desaturate by 10%, it is **137.6420, 22.8545, -50.5520**.

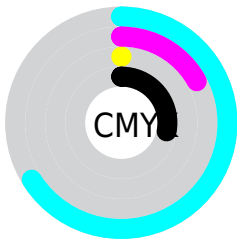
Distribution



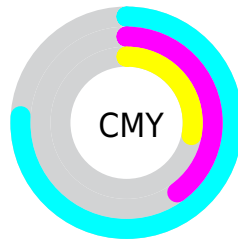
- Red (24%)
- Green (60%)
- Blue (72%)



- Red (24%)
- Yellow (45%)
- Blue (72%)



- Cyan (66%)
- Magenta (17%)
- Yellow (0%)
- Black (28%)



- Cyan (76%)
- Magenta (40%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.3250, 26.9548, -59.0440 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 129.3250, 26.9548, -59.0440 by changing the saturation by 10% instead.

■ 129.3250, 26.9548,
-59.0440

■ 129.3250, 26.9548,
-59.0440

■ 255.0000, 0.0000,
0.0000

■ 98.7260, 28.7291,
-68.1657

■ 185.6460, 26.7965,
-54.9405

■ 74.8080, 27.7027,
-65.6066

■ 213.0500, 20.6814,
-53.5408

■ 57.8700, 23.7281,
-50.7520

■ 232.8740, 10.9081,
-45.4935

■ 41.5190, 19.4641,
-36.4122

■ 241.5450, 6.6333,
-27.6650

■ 26.5700, 15.4950,
-23.3019

■ 250.5150, 2.2111,
-9.2217

■ 5.3920, 15.5827,
-4.7288

■ 2.0690, 5.3890,

-1.8145

■ 0.0000, 0.0000,
0.0000

■ 129.3250, 26.9548,
-59.0440

■ 129.3250, 26.9548,
-59.0440

■ 121.0080, 31.0551,
-67.5360

■ 137.6420, 22.8545,
-50.5520

■ 112.9790, 35.0134,
-77.1576

■ 145.6710, 18.8962,
-40.9305

■ 104.6620, 39.1136,
-85.6496

■ 153.9880, 14.7959,
-32.4385

■ 101.3950, 40.7243,
-88.9234

■ 162.6040, 10.5482,
-23.3317

■ 170.3340, 6.7373,
-14.3249

■ 178.6510, 2.6371,
-5.8329

■ 187.2670, -1.6106,
3.2738

■ 194.9970, -5.4215,
12.2806

■ 203.6130, -9.6692,
21.3874

Harmonies

Analogous

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



125.7020, 18.3879, -64.6367



129.3250, 26.9548, -59.0440



137.7180, 27.7470, -33.0787

Triad

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



129.3250, 26.9548, -59.0440



145.8830, 1.0437, 38.6906



138.9680, -21.6762, -0.8489

Complementary

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



129.3250, 26.9548, -59.0440



116.6750, -26.9548, 59.0440

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.



141.3020, -24.7989, 20.7831



129.3250, 26.9548, -59.0440



144.7020, -11.1921, 43.2343

Square

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



129.3250, 26.9548, -59.0440



146.5740, 13.0280, 21.4216



143.4270, -20.9165, 35.5825



134.8710, -11.2754, -23.5659

Rectangle

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



129.3250, 26.9548, -59.0440



142.6280, 24.3404, -13.7058



143.4270, -20.9165, 35.5825



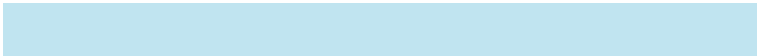
139.8550, -23.5925, 7.1432

Sweetspot

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



129.3250, 26.9548, -59.0440



218.6040, 10.5482, -23.3317



137.1480, -21.7650, -65.9048



107.2200, 6.3005, -14.2249



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.



129.3250, 26.9548, -59.0440



153.8290, 42.4823, -92.8120



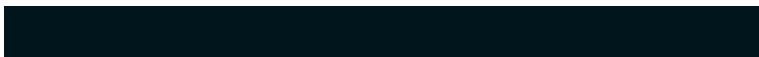
94.1050, 44.3182, -28.1561



87.5480, 2.1948, -3.9886



85.8760, 34.5711, -75.3133



15.5190, 6.1531, -13.6102

Inverse Universe

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



108.8520, 21.7650, 65.9048



121.7100, 34.1600, 103.7403



152.4820, -44.6076, 27.6413



86.3750, 1.2941, 4.9331



59.8680, 27.6731, 84.3078



10.7660, 5.0454, 15.1142

Previews

White Background



This preview shows how the YUV color 129.3250, 26.9548, -59.0440 looks on a white background.

Color Contrast Check

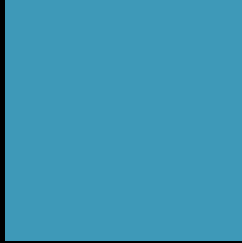
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.3250, 26.9548, -59.0440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

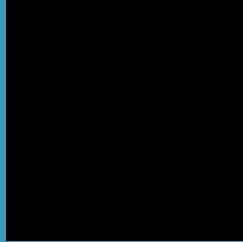
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 129.3250, 26.9548, -59.0440

Background



This preview shows how black text looks on a background with the YUV color 129.3250, 26.9548, -59.0440.

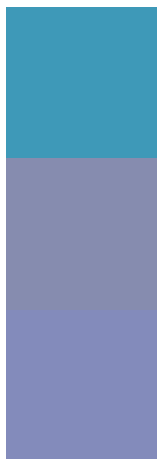


This preview shows how white text looks on a background with the YUV color 129.3250, 26.9548, -59.0440.

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

129.3250, 26.9548, -59.0440

Protanopia

142.1960, 16.1724, -7.1879

Deuteranopia

142.0800, 22.1456, -9.7172



Tritanopia

126.5710, 20.4245, -64.5218

Trichromacy



Original Color

129.3250, 26.9548, -59.0440

Protanomaly

137.6990, 19.8684, -26.0460

Deuteranomaly

137.4260, 23.9470, -27.5606

Tritanomaly

127.5650, 22.8925, -62.7625

Monochromacy



Original Color

129.3250, 26.9548, -59.0440

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.3870, 9.6692, -21.3874

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.3250, 26.9548, -59.0440 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(62, 153, 184)` looks like.

```
.text, #text, p{  
    color:rgb(62, 153, 184)  
}
```

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(62, 153, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 153, 184) }
```

Border

The CSS property to change the border of an element to YUV 129.3250, 26.9548, -59.0440 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(62, 153, 184) }
```


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

```
.border{ border-color:rgb(62, 153, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 153, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 153, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 153, 184);  
box-shadow:4px 4px 4px 4px rgb(62, 153,  
184) }
```

Background

The CSS property to change the background color of an element to YUV 129.3250, 26.9548, -59.0440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 153, 184) }
```

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

```
.background{ background-color: rgb(62, 153,  
184) }
```

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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