

Converting Colors

YUV(126.0170, 20.6976,
-58.7739)

Have a look what the booklet for
YUV(126.0170, 20.6976, -58.7739)
contains.

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Color

**YUV(126.0170, 20.6976,
-58.7739)**

Conversions

Conversions Part 1

Format	Color
Hex	3B98A8
RGB	59, 152, 168
RGB Percent	23%, 60%, 66%
CMY	0.7686, 0.4039, 0.3412
CMYK	0.65, 0.10, 0.00, 0.34
HSL	189°, 48%, 45%
HSV	189°, 65%, 66%
XYZ	20.0998, 26.2134, 41.0461
YIQ	126.0170, -60.5640, -14.7400

Conversions

Conversions Part 2

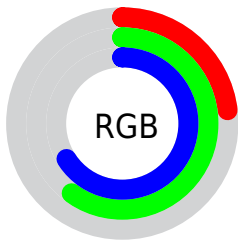
Format	Color
RYB	59, 109, 168
Decimal	3905704
CIELab	58.24, -22.11, -16.48
CIElCh	58, 27.574, 216.702
Yxy	26.2134, 0.2301, 0.3001
Android (android.graphics.Color)	4282095784 (0xFF3B98A8)
YUV	126.0170, 20.6976, -58.7739
Hunter-Lab	51.1991, -19.5227, -11.6933

Details

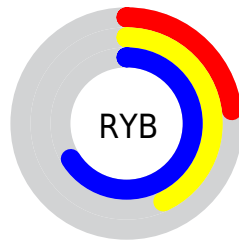
The YUV color **126.0170, 20.6976, -58.7739** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **100.9830, -20.6976, 58.7739**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.5120, 19.9606, -55.7000**, and **72.5110, 21.4401, -63.5921** is the 20% darker color. If you saturate the color by 10%, you get **119.7600, 23.7823, -68.1955**, and if you desaturate by 10%, it is **132.2740, 17.6129, -49.3523**.

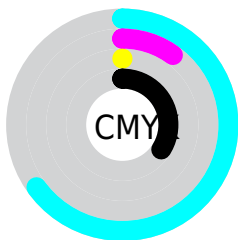
Distribution



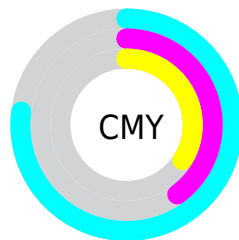
- Red (23%)
- Green (60%)
- Blue (66%)



- Red (23%)
- Yellow (43%)
- Blue (66%)



- Cyan (65%)
- Magenta (10%)
- Yellow (0%)
- Black (34%)



- Cyan (77%)
- Magenta (40%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.0170, 20.6976, -58.7739 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 126.0170, 20.6976, -58.7739 by changing the saturation by 10% instead.

■ 126.0170, 20.6976,
-58.7739

■ 126.0170, 20.6976,
-58.7739

■ 255.0000, 0.0000,
0.0000

■ 95.8310, 22.7613,
-67.3808

■ 182.5120, 19.9606,
-55.7000

■ 72.5110, 21.4401,
-63.5921

■ 210.6260, 20.3974,
-55.8000

■ 55.5730, 17.4655,
-48.7375

■ 231.3790, 11.6452,
-48.5674

■ 38.8630, 14.3645,
-34.0829

■ 240.0500, 7.3704,
-30.7388

■ 24.6150, 10.5428,
-21.5874

■ 249.0200, 2.9481,
-12.2955

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,

0.0000

■ 126.0170, 20.6976,
-58.7739

■ 126.0170, 20.6976,
-58.7739

■ 119.7600, 23.7823,
-68.1955

■ 132.2740, 17.6129,
-49.3523

■ 112.9160, 27.1564,
-77.1023

■ 139.1180, 14.2388,
-40.4455

■ 106.9580, 30.0937,
-85.9092

■ 145.0760, 11.3015,
-31.6387

■ 103.0930, 31.9992,
-90.4126

■ 151.9200, 7.9274,
-22.7318

■ 158.1770, 4.8427,
-13.3102

■ 165.0210, 1.4686,
-4.4034

■ 171.2780, -1.6161,
5.0182

■ 177.8230, -4.8427,
13.3102

■ 184.0800, -7.9274,
22.7318

Harmonies

Analogous

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



127.2710, 8.7404, -50.2267



126.0170, 20.6976, -58.7739



131.7720, 25.7484, -45.4040

Triad

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



126.0170, 20.6976, -58.7739



143.9400, 7.9176, 27.2396



137.8170, -22.5878, 11.5615

Complementary

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



126.0170, 20.6976, -58.7739



100.9830, -20.6976, 58.7739

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.



140.1550, -21.7684, 28.8051



126.0170, 20.6976, -58.7739



142.9170, -3.9031, 38.6608

Square

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



126.0170, 20.6976, -58.7739



142.7400, 17.8762, 6.3670



141.7570, -14.6702, 38.8011



135.1780, -16.8498, -8.9261

Rectangle

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



126.0170, 20.6976, -58.7739



136.4690, 25.4048, -28.4753



141.7570, -14.6702, 38.8011



139.0350, -23.1883, 17.5093

Sweetspot

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



126.0170, 20.6976, -58.7739



203.2190, 7.7800, -22.1171



124.6930, -24.9916, -57.6128



99.8780, 4.9901, -13.9250



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



126.0170, 20.6976, -58.7739



153.1960, 32.4414, -92.2569



94.9060, 36.0353, -31.4896



81.0210, 1.4686, -4.4034



90.8340, 28.1828, -79.6614



12.2590, 3.8163, -10.7511

Inverse Universe

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



102.1930, 24.5549, 57.7127



115.7730, 38.5659, 90.5301



132.0940, -36.0353, 31.4896



79.1900, 1.8783, 4.2184



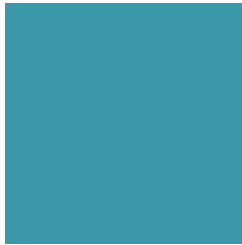
58.6160, 33.2203, 78.3898



7.9180, 4.4774, 10.5959

Previews

White Background



This preview shows how the YUV color 126.0170, 20.6976, -58.7739 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 126.0170, 20.6976, -58.7739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

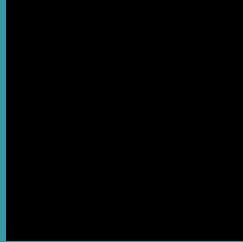
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 126.0170, 20.6976, -58.7739

Background



This preview shows how black text looks on a background with the YUV color 126.0170, 20.6976, -58.7739.



This preview shows how white text looks on a background with the YUV color 126.0170, 20.6976, -58.7739.

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

126.0170, 20.6976, -58.7739

Protanopia

139.7960, 9.4676, -3.3291

Deuteranopia

139.9900, 15.2879, -3.4992



Tritanopia

125.6640, 19.3926, -60.2183

Trichromacy



Original Color

126.0170, 20.6976, -58.7739

Protanomaly

134.7010, 13.4584, -23.4168

Deuteranomaly

135.0260, 17.2422, -23.7018

Tritanomaly

126.0770, 19.6820, -59.7035

Monochromacy



Original Color

126.0170, 20.6976, -58.7739

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.8170, 7.4852, -20.8875

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.0170, 20.6976, -58.7739 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(59, 152, 168)` looks like.

```
.text, #text, p{  
    color:rgb(59, 152, 168)  
}
```

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(59, 152, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 152, 168) }
```

Border

The CSS property to change the border of an element to YUV 126.0170, 20.6976, -58.7739 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

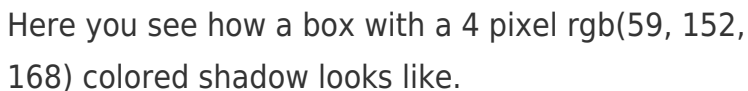
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(59, 152, 168) }
```


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

```
.border{ border-color:rgb(59, 152, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(59, 152, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 152, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 152, 168);  
box-shadow:4px 4px 4px 4px rgb(59, 152,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 126.0170, 20.6976, -58.7739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 152, 168) }
```

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

```
.background{ background-color: rgb(59, 152,  
168) }
```

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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