

Converting Colors

YUV(128.4280, 27.3970,
-60.8884)

Have a look what the booklet for
YUV(128.4280, 27.3970, -60.8884)
contains.

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Color

**YUV(128.4280, 27.3970,
-60.8884)**

Conversions

Conversions Part 1

Format	Color
Hex	3B99B8
RGB	59, 153, 184
RGB Percent	23%, 60%, 72%
CMY	0.7686, 0.4000, 0.2784
CMYK	0.68, 0.17, 0.00, 0.28
HSL	195°, 51%, 48%
HSV	195°, 68%, 72%
XYZ	21.8466, 27.1730, 49.4409
YIQ	128.4280, -65.9750, -10.2870

Conversions

Conversions Part 2

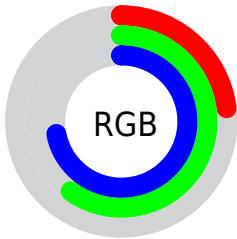
Format	Color
RYB	59, 113, 184
Decimal	3905976
CIELab	59.13, -17.57, -24.18
CIELCh	59, 29.893, 233.992
Yxy	27.1730, 0.2219, 0.2760
Android (android.graphics.Color)	4282096056 (0xFF3B99B8)
YUV	128.4280, 27.3970, -60.8884
Hunter-Lab	52.1277, -16.4145, -19.7446

Details

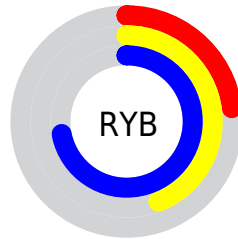
The YUV color **128.4280, 27.3970, -60.8884** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **114.5720, -27.3970, 60.8884**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.7490, 27.2387, -56.7849**, and **74.8080, 27.7027, -65.6066** is the 20% darker color. If you saturate the color by 10%, you get **120.1110, 31.4973, -69.3803**, and if you desaturate by 10%, it is **136.7450, 23.2967, -52.3964**.

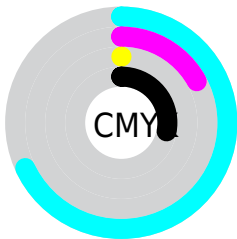
Distribution



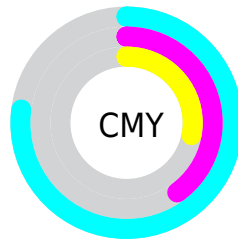
- Red (23%)
- Green (60%)
- Blue (72%)



- Red (23%)
- Yellow (44%)
- Blue (72%)



- Cyan (68%)
- Magenta (17%)
- Yellow (0%)
- Black (28%)



- Cyan (77%)
- Magenta (40%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.4280, 27.3970, -60.8884 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 128.4280, 27.3970, -60.8884 by changing the saturation by 10% instead.

■ 128.4280, 27.3970,
-60.8884

■ 128.4280, 27.3970,
-60.8884

■ 255.0000, 0.0000,
0.0000

■ 96.6330, 29.7609,
-72.4691

■ 184.7490, 27.2387,
-56.7849

■ 74.8080, 27.7027,
-65.6066

■ 212.4520, 20.9762,
-54.7704

■ 57.8700, 23.7281,
-50.7520

■ 232.2760, 11.2029,
-46.7231

■ 41.5190, 19.4641,
-36.4122

■ 240.9470, 6.9281,
-28.8945

■ 26.5700, 15.4950,
-23.3019

■ 249.9170, 2.5059,
-10.4512

■ 5.3920, 15.5827,
-4.7288

■ 2.0690, 5.3890,

-1.8145

■ 0.0000, 0.0000,
0.0000

■ 128.4280, 27.3970,
-60.8884

■ 128.4280, 27.3970,
-60.8884

■ 120.1110, 31.4973,
-69.3803

■ 136.7450, 23.2967,
-52.3964

■ 112.0820, 35.4556,
-79.0019

■ 144.7740, 19.3384,
-42.7748

■ 103.7650, 39.5559,
-87.4939

■ 153.0910, 15.2381,
-34.2828

■ 101.9820, 40.4349,
-89.4382

■ 161.1200, 11.2798,
-24.6612

■ 169.4370, 7.1796,
-16.1692

■ 177.1670, 3.3687,
-7.1625

■ 185.7830, -0.8790,
1.9443

■ 194.1000, -4.9793,
10.4363

■ 202.1290, -8.9376,
20.0579

Harmonies

Analogous

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



125.1040, 18.6827, -65.8662



128.4280, 27.3970, -60.8884



137.1200, 28.0418, -34.3082

Triad

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



128.4280, 27.3970, -60.8884



145.9970, 1.4805, 38.5906



138.2670, -21.8236, -0.2342

Complementary

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



128.4280, 27.3970, -60.8884



114.5720, -27.3970, 60.8884

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.



141.1880, -25.2357, 20.8831



128.4280, 27.3970, -60.8884



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.



128.4280, 27.3970, -60.8884



145.9870, 13.3174, 21.9364



143.1390, -20.7745, 36.7121



134.7570, -11.7122, -23.4659

Rectangle

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



128.4280, 27.3970, -60.8884



142.1440, 25.0720, -15.0353



143.1390, -20.7745, 36.7121



139.7410, -24.0293, 7.2431

Sweetspot

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



128.4280, 27.3970, -60.8884



218.6040, 10.5482, -23.3317



135.6810, -23.5067, -67.2492



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.



128.4280, 27.3970, -60.8884



152.3340, 43.2193, -95.8859



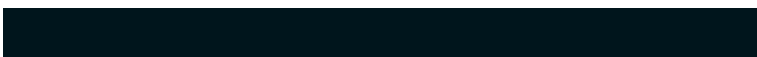
92.6210, 45.0498, -29.4856



88.1350, 1.9054, -4.5034



86.4630, 34.2817, -75.8281



15.5190, 6.1531, -13.6102

Inverse Universe

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



107.0910, 22.6331, 67.4492



118.7750, 35.6069, 106.3143



150.3790, -45.0498, 29.4856



86.4890, 1.7309, 4.8331



59.9820, 28.1099, 84.2078



10.7660, 5.0454, 15.1142

Previews

White Background



This preview shows how the YUV color 128.4280, 27.3970, -60.8884 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 128.4280, 27.3970, -60.8884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

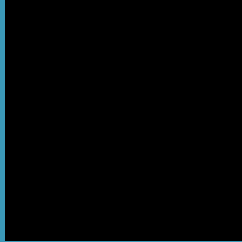
Any Text WCAG AA ✓ Pass

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 128.4280, 27.3970, -60.8884 Background



This preview shows how black text looks on a background with the YUV color 128.4280, 27.3970, -60.8884.

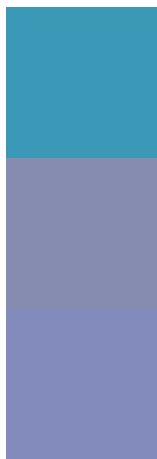


This preview shows how white text looks on a background with the YUV color 128.4280, 27.3970, -60.8884.

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

128.4280, 27.3970, -60.8884

Protanopia

141.8970, 16.3198, -7.8027

Deuteranopia

141.7810, 22.2930, -10.3319



Tritanopia

125.6740, 20.8667, -66.3661

Trichromacy



Original Color

128.4280, 27.3970, -60.8884

Protanomaly

137.1010, 20.1632, -27.2756

Deuteranomaly

136.8280, 24.2418, -28.7902

Tritanomaly

126.6680, 23.3347, -64.6068

Monochromacy



Original Color

128.4280, 27.3970, -60.8884

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

128.0880, 9.8166, -22.0022

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.4280, 27.3970, -60.8884 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, 153, 184)` looks like.

```
.text, #text, p{  
    color:rgb(59, 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(59, 153, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 153, 184) }
```

Border

The CSS property to change the border of an element to YUV 128.4280, 27.3970, -60.8884 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, 153, 184) }
```


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

```
.border{ border-color:rgb(59, 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(59, 153, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 153, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 153, 184);  
box-shadow:4px 4px 4px 4px rgb(59, 153,  
184) }
```

Background

The CSS property to change the background color of an element to YUV 128.4280, 27.3970, -60.8884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 153, 184) }
```

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

```
.background{ background-color: rgb(59, 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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