

Converting Colors

YUV(127.0260, 27.1022,
-59.6588)

Have a look what the booklet for
YUV(127.0260, 27.1022, -59.6588)
contains.

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Color

**YUV(127.0260, 27.1022,
-59.6588)**

Conversions

Conversions Part 1

Format	Color
Hex	3B97B6
RGB	59, 151, 182
RGB Percent	23%, 59%, 71%
CMY	0.7686, 0.4078, 0.2863
CMYK	0.68, 0.17, 0.00, 0.29
HSL	195°, 51%, 47%
HSV	195°, 68%, 71%
XYZ	21.3137, 26.4404, 48.2361
YIQ	127.0260, -64.7830, -9.8630

Conversions

Conversions Part 2

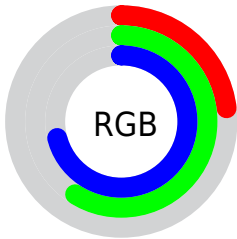
Format	Color
R _Y B	59, 112, 182
Decimal	3905462
CIE Lab	58.45, -17.15, -24.10
CIE LCh	58, 29.576, 234.564
Yxy	26.4404, 0.2220, 0.2754
Android (android.graphics.Color)	4282095542 (0xFF3B97B6)
YUV	127.0260, 27.1022, -59.6588
Hunter-Lab	51.4203, -15.9970, -19.6244

Details

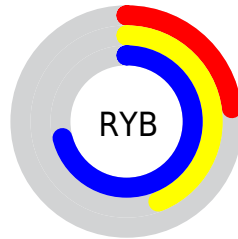
The YUV color **127.0260, 27.1022, -59.6588** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **113.9740, -27.1022, 59.6588**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.3470, 26.9439, -55.5553**, and **73.4060, 27.4078, -64.3771** is the 20% darker color. If you saturate the color by 10%, you get **118.7090, 31.2025, -68.1508**, and if you desaturate by 10%, it is **135.3430, 23.0019, -51.1668**.

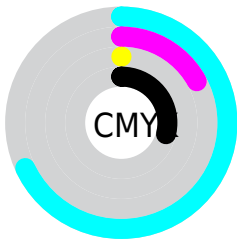
Distribution



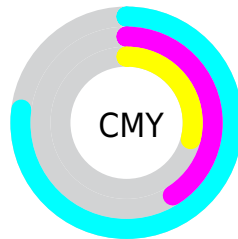
- Red (23%)
- Green (59%)
- Blue (71%)



- Red (23%)
- Yellow (44%)
- Blue (71%)



- Cyan (68%)
- Magenta (17%)
- Yellow (0%)
- Black (29%)



- Cyan (77%)
- Magenta (41%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.0260, 27.1022, -59.6588 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 127.0260, 27.1022, -59.6588 by changing the saturation by 10% instead.

■ 127.0260, 27.1022,
-59.6588

■ 127.0260, 27.1022,
-59.6588

■ 255.0000, 0.0000,
0.0000

■ 95.5300, 29.3187,
-70.6248

■ 183.3470, 26.9439,
-55.5553

■ 73.4060, 27.4078,
-64.3771

■ 210.9790, 21.7024,
-54.3556

■ 56.4680, 23.4333,
-49.5224

■ 231.9770, 11.3503,
-47.3378

■ 40.2310, 19.6061,
-35.2826

■ 240.9470, 6.9281,
-28.8945

■ 25.1680, 15.2002,
-22.0723

■ 249.9170, 2.5059,
-10.4512

■ 5.1640, 14.7091,
-4.5288

■ 1.1400, 4.3680,

-0.9998

■ 0.0000, 0.0000,
0.0000

■ 127.0260, 27.1022,
-59.6588

■ 127.0260, 27.1022,
-59.6588

■ 118.7090, 31.2025,
-68.1508

■ 135.3430, 23.0019,
-51.1668

■ 110.9790, 35.0134,
-77.1576

■ 143.0730, 19.1910,
-42.1600

■ 102.3630, 39.2610,
-86.2644

■ 151.6890, 14.9433,
-33.0533

■ 100.5800, 40.1401,
-88.2087

■ 159.4190, 11.1324,
-24.0465

■ 167.7360, 7.0322,
-15.5545

■ 176.0530, 2.9319,
-7.0625

■ 183.7830, -0.8790,
1.9443

■ 192.3990, -5.1267,
11.0511

■ 200.1290, -8.9376,
20.0579

Harmonies

Analogous

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



123.4030, 18.5353, -65.2514



127.0260, 27.1022, -59.6588



135.4190, 27.8944, -33.6935

Triad

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



127.0260, 27.1022, -59.6588



143.8830, 1.0437, 38.6906



136.9680, -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.



127.0260, 27.1022, -59.6588



113.9740, -27.1022, 59.6588

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.



139.0030, -24.6515, 20.1684



127.0260, 27.1022, -59.6588



142.7020, -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.



127.0260, 27.1022, -59.6588



144.5740, 13.0280, 21.4216



141.4270, -20.9165, 35.5825



132.8710, -11.2754, -23.5659

Rectangle

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



127.0260, 27.1022, -59.6588



140.3290, 24.4878, -14.3205



141.4270, -20.9165, 35.5825



137.8550, -23.5925, 7.1432

Sweetspot

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



127.0260, 27.1022, -59.6588



215.9030, 10.4008, -22.7169



134.7350, -22.0544, -66.4196



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.



127.0260, 27.1022, -59.6588



151.4160, 42.1929, -93.3268



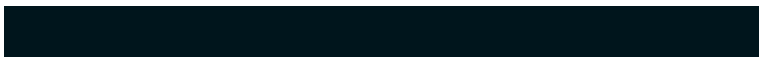
91.2190, 44.7550, -28.2561



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.



106.2650, 22.0544, 66.4196



118.8240, 34.5968, 103.6404



149.7810, -44.7550, 28.2561



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 127.0260, 27.1022, -59.6588 looks on a white background.

Color Contrast Check

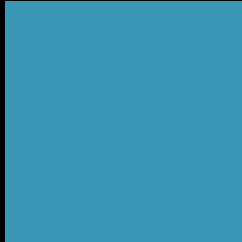
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.0260, 27.1022, -59.6588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

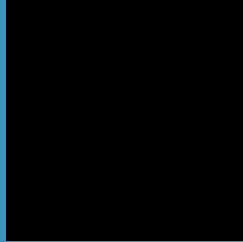
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 127.0260, 27.1022, -59.6588

Background



This preview shows how black text looks on a background with the YUV color 127.0260, 27.1022, -59.6588.



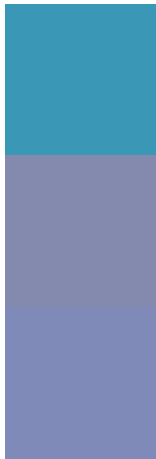
This preview shows how white text looks on a background with the YUV color 127.0260, 27.1022, -59.6588.

-59.6588.

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

127.0260, 27.1022, -59.6588

Protanopia

140.1960, 16.1724, -7.1879

Deuteranopia

140.3680, 22.0036, -10.8467



Tritanopia

124.2720, 20.5719, -65.1365

Trichromacy



Original Color

127.0260, 27.1022, -59.6588

Protanomaly

135.4000, 20.0158, -26.6608

Deuteranomaly

135.7140, 23.8050, -28.6902

Tritanomaly

125.2660, 23.0399, -63.3773

Monochromacy



Original Color

127.0260, 27.1022, -59.6588

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

127.0880, 9.8166, -22.0022

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.0260, 27.1022, -59.6588 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, 151, 182)` looks like.

```
.text, #text, p{  
    color:rgb(59, 151, 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(59, 151, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 151, 182) }
```

Border

The CSS property to change the border of an element to YUV 127.0260, 27.1022, -59.6588 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, 151, 182) }
```


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

```
.border{ border-color:rgb(59, 151, 182) }
```

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

Here you see how a box with a 4 pixel rgb(59, 151, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 151, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 151, 182);  
box-shadow:4px 4px 4px 4px rgb(59, 151,  
182) }
```

Background

The CSS property to change the background color of an element to YUV 127.0260, 27.1022, -59.6588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 151, 182) }
```

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

```
.background{ background-color: rgb(59, 151,  
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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