

Converting Colors

YUV(127.9180, 24.1974,
-61.3181)

Have a look what the booklet for
YUV(127.9180, 24.1974, -61.3181)
contains.

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Color

**YUV(127.9180, 24.1974,
-61.3181)**

Conversions

Conversions Part 1

Format	Color
Hex	3A9AB1
RGB	58, 154, 177
RGB Percent	23%, 60%, 69%
CMY	0.7725, 0.3961, 0.3059
CMYK	0.67, 0.13, 0.00, 0.31
HSL	192°, 51%, 46%
HSV	192°, 67%, 69%
XYZ	21.2363, 27.1851, 45.7229
YIQ	127.9180, -64.5990, -13.1990

Conversions

Conversions Part 2

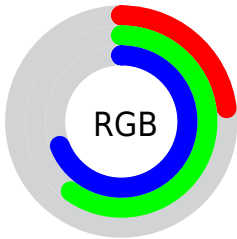
Format	Color
RYB	58, 111, 177
Decimal	3840689
CIELab	59.15, -20.50, -20.21
CIElCh	59, 28.786, 224.588
Yxy	27.1851, 0.2256, 0.2888
Android (android.graphics.Color)	4282030769 (0xFF3A9AB1)
YUV	127.9180, 24.1974, -61.3181
Hunter-Lab	52.1393, -18.5407, -15.4962

Details

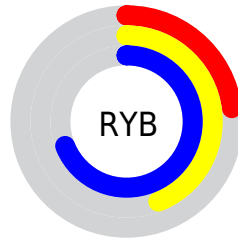
The YUV color **127.9180, 24.1974, -61.3181** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **107.0820, -24.1974, 61.3181**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.8260, 23.7498, -57.7294**, and **74.5970, 24.3557, -65.4216** is the 20% darker color. If you saturate the color by 10%, you get **120.7750, 27.7189, -70.8397**, and if you desaturate by 10%, it is **135.0610, 20.6759, -51.7965**.

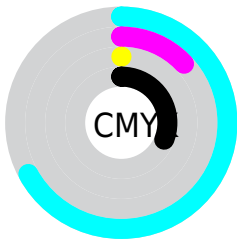
Distribution



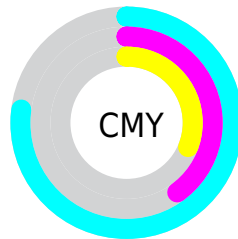
- Red (23%)
- Green (60%)
- Blue (69%)



- Red (23%)
- Yellow (44%)
- Blue (69%)



- Cyan (67%)
- Magenta (13%)
- Yellow (0%)
- Black (31%)



- Cyan (77%)
- Magenta (40%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.9180, 24.1974, -61.3181 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 127.9180, 24.1974, -61.3181 by changing the saturation by 10% instead.

■ 127.9180, 24.1974,
-61.3181

■ 127.9180, 24.1974,
-61.3181

■ 255.0000, 0.0000,
0.0000

■ 96.4220, 26.4140,
-72.2841

■ 184.8260, 23.7498,
-57.7294

■ 74.5970, 24.3557,
-65.4216

■ 212.4410, 20.9816,
-56.5148

■ 57.0720, 20.6705,
-50.0521

■ 231.6780, 11.4977,
-47.9526

■ 40.8350, 16.8433,
-35.8123

■ 240.6480, 7.0755,
-29.5093

■ 26.0000, 13.3110,
-22.8020

■ 249.3190, 2.8007,
-11.6808

■ 4.8220, 13.3988,
-4.2289

■ 0.4560, 1.7472,

-0.3999

■ 0.0000, 0.0000,
0.0000

■ 127.9180, 24.1974,
-61.3181

■ 127.9180, 24.1974,
-61.3181

■ 120.7750, 27.7189,
-70.8397

■ 135.0610, 20.6759,
-51.7965

■ 113.3440, 31.3824,
-79.2317

■ 142.4920, 17.0124,
-43.4045

■ 106.2010, 34.9039,
-88.7533

■ 149.6350, 13.4909,
-33.8829

■ 104.1190, 35.9303,
-91.3124

■ 157.3650, 9.6801,
-24.8761

■ 164.5080, 6.1586,
-15.3545

■ 171.9390, 2.4951,
-6.9625

■ 179.0820, -1.0264,
2.5591

■ 186.2250, -4.5479,
12.0807

■ 193.6560, -8.2114,
20.4727

Harmonies

Analogous

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



127.6660, 12.9827, -57.5891



127.9180, 24.1974, -61.3181



135.5490, 27.3373, -41.7005

Triad

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



127.9180, 24.1974, -61.3181



146.1750, 4.8437, 33.1725



139.6700, -23.0083, 6.4284

Complementary

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



127.9180, 24.1974, -61.3181



107.0820, -24.1974, 61.3181

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.



141.6770, -23.5048, 25.7163



127.9180, 24.1974, -61.3181



144.8420, -6.8241, 42.2346

Square

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



127.9180, 24.1974, -61.3181



145.3280, 16.1073, 13.7443



143.6600, -17.5804, 38.8862



136.3020, -14.9389, -15.1739

Rectangle

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



127.9180, 24.1974, -61.3181



139.9150, 25.6779, -22.7275



143.6600, -17.5804, 38.8862



140.4860, -23.9036, 13.6058

Sweetspot

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



127.9180, 24.1974, -61.3181



210.9630, 9.3852, -23.6466



130.3610, -24.8280, -63.4606



103.1060, 5.8637, -14.1250



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



127.9180, 24.1974, -61.3181



153.2540, 37.8358, -95.8158



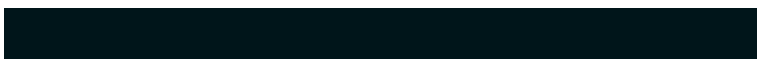
93.8720, 40.9821, -31.4597



85.7220, 1.6161, -5.0182



89.6430, 31.2350, -78.6169



15.2910, 5.2795, -13.4102

Inverse Universe

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



104.5250, 24.3912, 63.5606



116.7140, 38.1020, 99.3518



141.1280, -40.9821, 31.4597



83.6030, 2.1677, 4.7332



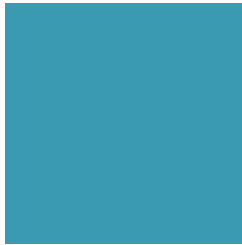
59.7690, 31.1729, 81.7636



10.1680, 5.3402, 13.8847

Previews

White Background



This preview shows how the YUV color 127.9180, 24.1974, -61.3181 looks on a white background.

Color Contrast Check

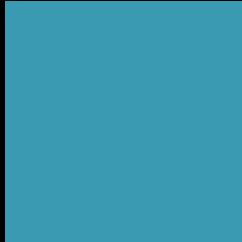
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.9180, 24.1974, -61.3181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

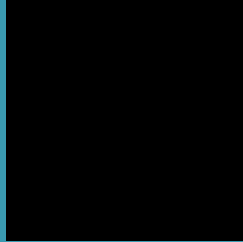
Any Text WCAG AA ✓ Pass

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 127.9180, 24.1974, -61.3181 Background



This preview shows how black text looks on a background with the YUV color 127.9180, 24.1974, -61.3181.

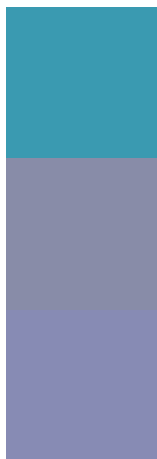


This preview shows how white text looks on a background with the YUV color 127.9180, 24.1974, -61.3181.

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

127.9180, 24.1974, -61.3181

Protanopia

141.9960, 12.8200, -5.2585

Deuteranopia

142.4780, 18.4983, -6.5582



Tritanopia

125.9840, 20.7139, -64.0070

Trichromacy



Original Color

127.9180, 24.1974, -61.3181

Protanomaly

136.9010, 16.8108, -25.3462

Deuteranomaly

136.9270, 20.7420, -26.2460

Tritanomaly

126.9240, 21.7295, -63.0773

Monochromacy



Original Color

127.9180, 24.1974, -61.3181

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.8600, 8.9430, -21.8022

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.9180, 24.1974, -61.3181 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(58, 154, 177)` looks like.

```
.text, #text, p{  
    color:rgb(58, 154, 177)  
}
```

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(58, 154, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 154, 177) }
```

Border

The CSS property to change the border of an element to YUV 127.9180, 24.1974, -61.3181 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(58, 154, 177) }
```


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

```
.border{ border-color:rgb(58, 154, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 154, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 154, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 154, 177);  
box-shadow:4px 4px 4px 4px rgb(58, 154,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 127.9180, 24.1974, -61.3181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 154, 177) }
```

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

```
.background{ background-color: rgb(58, 154,  
177) }
```

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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