

Converting Colors

YUV(127.3630, 25.9500,
-63.4624)

Have a look what the booklet for
YUV(127.3630, 25.9500, -63.4624)
contains.

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Color

**YUV(127.3630, 25.9500,
-63.4624)**

Conversions

Conversions Part 1

Format	Color
Hex	379AB4
RGB	55, 154, 180
RGB Percent	22%, 60%, 71%
CMY	0.7843, 0.3961, 0.2941
CMYK	0.69, 0.14, 0.00, 0.29
HSL	192°, 53%, 46%
HSV	192°, 69%, 71%
XYZ	21.3694, 27.2187, 47.3075
YIQ	127.3630, -67.3500, -12.9020

Conversions

Conversions Part 2

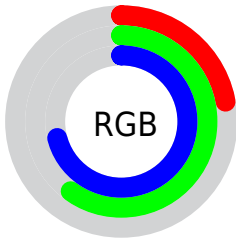
Format	Color
RYB	55, 110, 180
Decimal	3644084
CIELab	59.18, -20.00, -21.87
CIELCh	59, 29.634, 227.548
Yxy	27.2187, 0.2228, 0.2838
Android (android.graphics.Color)	4281834164 (0xFF379AB4)
YUV	127.3630, 25.9500, -63.4624
Hunter-Lab	52.1716, -18.1870, -17.2421

Details

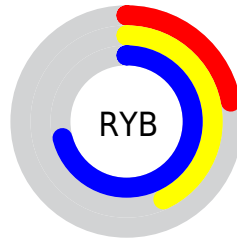
The YUV color **127.3630, 25.9500, -63.4624** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **107.6370, -25.9500, 63.4624**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.5700, 25.3550, -59.2589**, and **74.9390, 25.6661, -65.7215** is the 20% darker color. If you saturate the color by 10%, you get **119.6330, 29.7609, -72.4691**, and if you desaturate by 10%, it is **135.0930, 22.1392, -54.4556**.

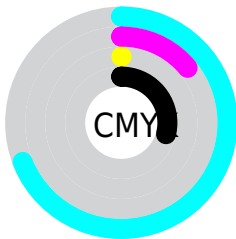
Distribution



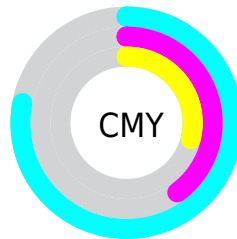
- Red (22%)
- Green (60%)
- Blue (71%)



- Red (22%)
- Yellow (43%)
- Blue (71%)



- Cyan (69%)
- Magenta (14%)
- Yellow (0%)
- Black (29%)



- Cyan (78%)
- Magenta (40%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.3630, 25.9500, -63.4624 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 127.3630, 25.9500, -63.4624 by changing the saturation by 10% instead.

■ 127.3630, 25.9500,
-63.4624

■ 127.3630, 25.9500,
-63.4624

■ 255.0000, 0.0000,
0.0000

■ 93.4750, 29.3458,
-79.3466

■ 184.5700, 25.3550,
-59.2589

■ 74.9390, 25.6661,
-65.7215

■ 212.1420, 21.1290,
-57.1295

■ 57.4140, 21.9809,
-50.3521

■ 231.3790, 11.6452,
-48.5674

■ 41.1770, 18.1537,
-36.1122

■ 240.0500, 7.3704,
-30.7388

■ 26.2280, 14.1846,
-23.0020

■ 249.0200, 2.9481,
-12.2955

■ 5.0500, 14.2723,
-4.4289

■ 0.9120, 3.4944,

-0.7998

■ 0.0000, 0.0000,
0.0000

■ 127.3630, 25.9500,
-63.4624

■ 127.3630, 25.9500,
-63.4624

■ 119.6330, 29.7609,
-72.4691

■ 135.0930, 22.1392,
-54.4556

■ 112.4900, 33.2824,
-81.9907

■ 142.2360, 18.6177,
-44.9340

■ 104.7600, 37.0933,
-90.9975

■ 149.9660, 14.8068,
-35.9272

■ 104.4610, 37.2407,
-91.6123

■ 157.6960, 10.9959,
-26.9204

■ 165.4260, 7.1850,
-17.9136

■ 172.5690, 3.6635,
-8.3920

■ 180.2990, -0.1474,
0.6148

■ 188.0290, -3.9583,
9.6216

■ 195.7590, -7.7692,
18.6284

Harmonies

Analogous

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



126.5020, 15.0355, -62.7073



127.3630, 25.9500, -63.4624



135.4890, 28.3529, -40.7709

Triad

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



127.3630, 25.9500, -63.4624



146.2570, 3.8173, 35.7316



139.5450, -23.4397, 4.7840

Complementary

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



127.3630, 25.9500, -63.4624



107.6370, -25.9500, 63.4624

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.



141.7370, -24.5203, 24.7867



127.3630, 25.9500, -63.4624



144.7990, -8.2819, 43.1493

Square

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



127.3630, 25.9500, -63.4624



145.9370, 15.8071, 16.7183



143.3180, -18.8908, 39.1861



135.8070, -14.2019, -18.2477

Rectangle

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



127.3630, 25.9500, -63.4624



141.0400, 26.1093, -21.0831



143.3180, -18.8908, 39.1861



140.2470, -24.7718, 12.0614

Sweetspot

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



127.3630, 25.9500, -63.4624



213.5930, 10.5537, -25.0761



131.2250, -25.2539, -66.8493



104.8070, 6.0111, -14.7397



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



127.3630, 25.9500, -63.4624



152.6280, 40.6094, -98.7748



91.5560, 43.6029, -32.0596



85.1350, 1.9054, -4.5034



88.4690, 31.8138, -77.5873



14.7040, 5.5689, -12.8954

Inverse Universe

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



103.6610, 24.8171, 66.9493



115.8610, 38.5225, 104.4849



144.0310, -43.8923, 31.5448



83.4890, 1.7309, 4.8331



59.5410, 30.2993, 81.9635



10.0540, 4.9034, 13.9846

Previews

White Background



This preview shows how the YUV color 127.3630, 25.9500, -63.4624 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 127.3630, 25.9500, -63.4624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

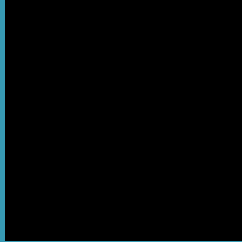
Any Text WCAG AA ✓ Pass

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 127.3630, 25.9500, -63.4624 Background



This preview shows how black text looks on a background with the YUV color 127.3630, 25.9500, -63.4624.



This preview shows how white text looks on a background with the YUV color 127.3630, 25.9500, -63.4624.

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

127.3630, 25.9500, -63.4624

Protanopia

141.9250, 13.8410, -6.0732

Deuteranopia

142.2220, 20.1036, -8.0877



Tritanopia

125.1900, 21.5983, -67.6956

Trichromacy



Original Color

127.3630, 25.9500, -63.4624

Protanomaly

136.6450, 18.4160, -26.8757

Deuteranomaly

136.6710, 22.3472, -27.7755

Tritanomaly

125.9560, 23.1927, -65.7364

Monochromacy



Original Color

127.3630, 25.9500, -63.4624

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

127.2620, 9.2378, -23.0318

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.3630, 25.9500, -63.4624 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(55, 154, 180)` looks like.

```
.text, #text, p{  
    color:rgb(55, 154, 180)  
}
```

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(55, 154, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 154, 180) }
```

Border

The CSS property to change the border of an element to YUV 127.3630, 25.9500, -63.4624 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(55, 154, 180) }
```


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

```
.border{ border-color:rgb(55, 154, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 154, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 154, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 154, 180);  
box-shadow:4px 4px 4px 4px rgb(55, 154,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 127.3630, 25.9500, -63.4624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 154, 180) }
```

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

```
.background{ background-color: rgb(55, 154,  
180) }
```

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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