

Converting Colors

YUV(127.1610, 25.5566,
-77.3172)

Have a look what the booklet for
YUV(127.1610, 25.5566, -77.3172)
contains.

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Color

**YUV(127.1610, 25.5566,
-77.3172)**

Conversions

Conversions Part 1

Format	Color
Hex	27A2B3
RGB	39, 162, 179
RGB Percent	15%, 64%, 70%
CMY	0.8471, 0.3647, 0.2980
CMYK	0.78, 0.09, 0.00, 0.30
HSL	187°, 64%, 43%
HSV	187°, 78%, 70%
XYZ	21.8937, 29.5267, 47.1931
YIQ	127.1610, -78.7650, -20.7890

Conversions

Conversions Part 2

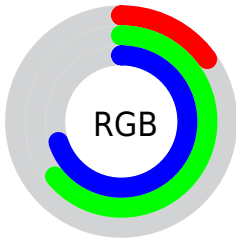
Format	Color
R_{YB}	39, 104, 179
Decimal	2597555
CIE _{Lab}	61.24, -26.45, -18.18
CIE _{LCh}	61, 32.092, 214.503
Yxy	29.5267, 0.2220, 0.2994
Android (android.graphics.Color)	4280787635 (0xFF27A2B3)
YUV	127.1610, 25.5566, -77.3172
Hunter-Lab	54.3384, -23.1722, -13.4566

Details

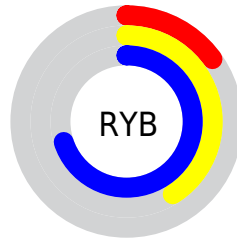
The YUV color **127.1610, 25.5566, -77.3172** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **90.8390, -25.5566, 77.3172**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.4610, 23.9297, -68.8103**, and **78.9340, 23.2035, -69.2251** is the 20% darker color. If you saturate the color by 10%, you get **120.6050, 28.7887, -87.3536**, and if you desaturate by 10%, it is **133.7170, 22.3245, -67.2808**.

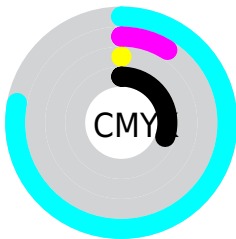
Distribution



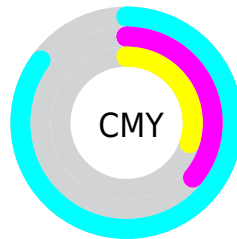
- Red (15%)
- Green (64%)
- Blue (70%)



- Red (15%)
- Yellow (41%)
- Blue (70%)



- Cyan (78%)
- Magenta (9%)
- Yellow (0%)
- Black (30%)



- Cyan (85%)
- Magenta (36%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.1610, 25.5566, -77.3172 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 127.1610, 25.5566, -77.3172 by changing the saturation by 10% instead.

■ 127.1610, 25.5566,
-77.3172

■ 127.1610, 25.5566,
-77.3172

■ 255.0000, 0.0000,
0.0000

■ 97.1600, 27.0361,
-85.2093

■ 186.4610, 23.9297,
-68.8103

■ 78.9340, 23.2035,
-69.2251

■ 215.0330, 19.7037,
-66.6809

■ 61.4090, 19.5184,
-53.8557

■ 228.9870, 12.8244,
-53.4856

■ 45.1720, 15.6912,
-39.6158

■ 237.9570, 8.4022,
-35.0423

■ 29.0490, 12.3008,
-25.4760

■ 246.9270, 3.9800,
-16.5990

■ 10.2190, 11.2310,
-8.9621

■ 0.9120, 3.4944,

-0.7998

■ 0.0000, 0.0000,
0.0000

■ 127.1610, 25.5566,
-77.3172

■ 127.1610, 25.5566,
-77.3172

■ 120.6050, 28.7887,
-87.3536

■ 133.7170, 22.3245,
-67.2808

■ 114.0490, 32.0208,
-97.3900

■ 140.2730, 19.0924,
-57.2444

■ 112.5650, 32.7525,
-98.7195

■ 147.4160, 15.5709,
-47.7228

■ 153.9720, 12.3388,
-37.6864

■ 160.2290, 9.2541,
-28.2648

■ 166.7850, 6.0220,
-18.2284

■ 173.3410, 2.7899,
-8.1921

■ 179.8970, -0.4422,
1.8443

■ 187.0400, -3.9637,
11.3659

Harmonies

Analogous

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



131.4330, 9.6465, -60.8927



127.1610, 25.5566, -77.3172



135.0630, 31.0279, -58.8143

Triad

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



127.1610, 25.5566, -77.3172



151.9450, 10.3801, 30.7432



145.4000, -26.8192, 15.4352

Complementary

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



127.1610, 25.5566, -77.3172



90.8390, -25.5566, 77.3172

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.



147.9770, -25.1317, 34.2232



127.1610, 25.5566, -77.3172



150.8900, -2.9038, 44.8235

Square

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



127.1610, 25.5566, -77.3172



150.7660, 21.8074, 5.4672



149.1600, -15.8549, 45.4637



142.4400, -20.9229, -9.1559

Rectangle

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



127.1610, 25.5566, -77.3172



142.0810, 30.5261, -37.7820



149.1600, -15.8549, 45.4637



146.3300, -27.2777, 22.5126

Sweetspot

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



127.1610, 25.5566, -77.3172



212.6310, 9.5489, -29.4944



123.0040, -33.5260, -73.6715



104.7850, 6.0220, -18.2284



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.



127.1610, 25.5566, -77.3172



151.5560, 39.6589, -120.6366



86.6580, 45.5246, -41.7961



85.7220, 1.6161, -5.0182



96.1000, 28.0517, -84.2797



15.8780, 4.9901, -13.9250

Inverse Universe

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



94.8820, 33.0892, 73.7715



101.0700, 51.7305, 114.8256



131.3420, -45.5246, 41.7961



83.6030, 2.1677, 4.7332



61.0230, 35.9777, 80.6638



10.2820, 5.7770, 13.7847

Previews

White Background



This preview shows how the YUV color 127.1610, 25.5566, -77.3172 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 127.1610, 25.5566, -77.3172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

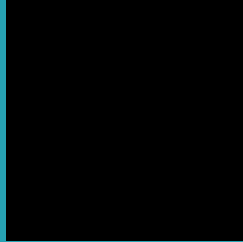
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

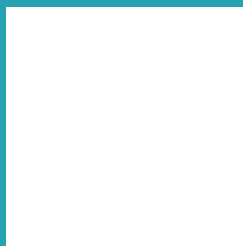
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 127.1610, 25.5566, -77.3172

Background



This preview shows how black text looks on a background with the YUV color 127.1610, 25.5566, -77.3172.

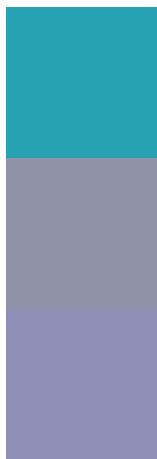


This preview shows how white text looks on a background with the YUV color 127.1610, 25.5566, -77.3172.

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

127.1610, 25.5566, -77.3172

Protanopia

147.6110, 10.0518, -4.0438

Deuteranopia

148.1470, 17.1825, -4.5139



Tritanopia

126.5090, 24.3991, -79.3764

Trichromacy



Original Color

127.1610, 25.5566, -77.3172

Protanomaly

140.2270, 15.6641, -30.8941

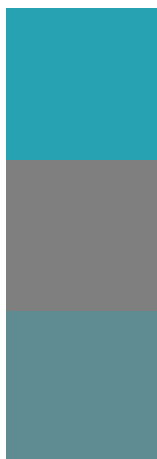
Deuteranomaly

140.7800, 20.3215, -31.3791

Tritanomaly

126.9220, 24.6885, -78.8616

Monochromacy



Original Color

127.1610, 25.5566, -77.3172

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

127.2290, 9.2541, -28.2648

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.1610, 25.5566, -77.3172 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(39, 162, 179)` looks like.

```
.text, #text, p{  
    color:rgb(39, 162, 179)  
}
```

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(39, 162, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 162, 179) }
```

Border

The CSS property to change the border of an element to YUV 127.1610, 25.5566, -77.3172 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(39, 162, 179) }
```


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

```
.border{ border-color:rgb(39, 162, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 162, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 162, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 162, 179);  
box-shadow:4px 4px 4px 4px rgb(39, 162,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 127.1610, 25.5566, -77.3172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 162, 179) }
```

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

```
.background{ background-color: rgb(39, 162,  
179) }
```

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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