

Converting Colors

YIQ(123.1300, -77.4800,
-27.5600)

Have a look what the booklet for
YIQ(123.1300, -77.4800, -27.5600)
contains.

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Color

**YIQ(123.1300, -77.4800,
-27.5600)**

Conversions

Conversions Part 1

Format	Color
Hex	20A2A2
RGB	32, 162, 162
RGB Percent	13%, 64%, 64%
CMY	0.8748, 0.3645, 0.3650
CMYK	0.80, 0.00, 0.00, 0.36
HSL	180°, 67%, 38%
HSV	180°, 80%, 64%
XYZ	20.0378, 28.7716, 38.6433
YIQ	123.1300, -77.4800, -27.5600

Conversions

Conversions Part 2

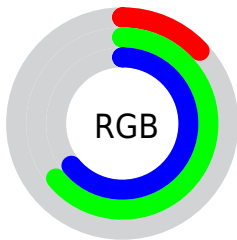
Format	Color
R_{YB}	32, 97, 162
Decimal	2138786
CIE _{Lab}	60.58, -32.50, -9.57
CIE _{LCh}	61, 33.881, 196.403
Yxy	28.7716, 0.2291, 0.3290
Android (android.graphics.Color)	4280328866 (0xFF20A2A2)
YUV	123.1300, 19.1629, -79.9210
Hunter-Lab	53.6391, -27.1869, -5.1669

Details

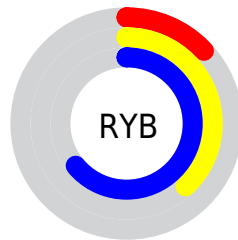
The YIQ color **123.1300, -77.4800, -27.5600** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **70.8700, 77.4800, 27.5600**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **182.9140, -67.9440, -24.1680**, and **77.1100, -65.5600, -23.3200** is the 20% darker color. If you saturate the color by 10%, you get **118.3460, -87.0160, -30.9520**, and if you desaturate by 10%, it is **127.9140, -67.9440, -24.1680**.

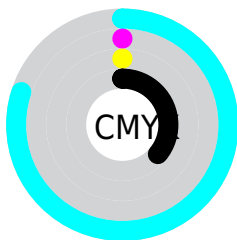
Distribution



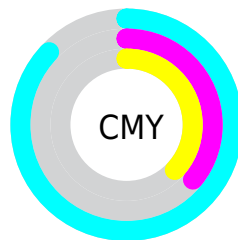
- Red (13%)
- Green (64%)
- Blue (64%)



- Red (13%)
- Yellow (38%)
- Blue (64%)



- Cyan (80%)
- Magenta (0%)
- Yellow (0%)
- Black (36%)



- Cyan (87%)
- Magenta (36%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 123.1300, -77.4800, -27.5600 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 YIQ color 123.1300, -77.4800, -27.5600 by changing the saturation by 10% instead.

■ 123.1300,
-77.4800, -27.5600

■ 123.1300,
-77.4800, -27.5600

■ 255.0000, -0.0000,
-0.0000

■ 94.7490, -80.7810,
-28.3090

■ 182.9140,
-67.9440, -24.1680

■ 77.1100, -65.5600,
-23.3200

■ 212.0990,
-67.0270, -24.2670

■ 59.6990, -50.9810,
-17.7090

■ 227.4920,
-54.8320, -19.5040

■ 42.9890, -36.9980,
-12.3100

■ 236.1630,
-37.5480, -13.3560

■ 27.5670, -23.8860,
-7.6460

■ 245.1330,
-19.6680, -6.9960

■ 5.3290, -8.1160,
3.9160

254.4020, -1.1920,

■ 0.0000, 0.0000,

-0.4240

0.0000

■ 123.1300,
-77.4800, -27.5600

■ 123.1300,
-77.4800, -27.5600

■ 118.3460,
-87.0160, -30.9520

■ 127.9140,
-67.9440, -24.1680

■ 113.5620,
-96.5520, -34.3440

■ 132.6980,
-58.4080, -20.7760

■ 137.7810,
-48.2760, -17.1720

■ 142.5650,
-38.7400, -13.7800

■ 147.3490,
-29.2040, -10.3880

■ 152.1330,
-19.6680, -6.9960

■ 156.9170,
-10.1320, -3.6040

■ 162.0000, -0.0000,
0.0000

■ 166.7840, 9.5360,
3.3920

Harmonies

Analogous

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



132.4640, -40.4340, -27.1380



123.1300, -77.4800, -27.5600



121.3430, -90.9610, -20.0250

Triad

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



123.1300, -77.4800, -27.5600



149.7460, 4.6720, 25.4720



145.4340, 39.3400, -8.1160

Complementary

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



123.1300, -77.4800, -27.5600



70.8700, 77.4800, 27.5600

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.



147.0690, 48.2780, 6.1180



123.1300, -77.4800, -27.5600



149.7460, 31.0350, 26.7710

Square

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



123.1300, -77.4800, -27.5600



145.6540, -27.6040, 15.6920



148.4300, 46.3040, 19.8720



142.0460, 19.5810, -18.9710

Rectangle

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



123.1300, -77.4800, -27.5600



132.3120, -71.3400, -6.6680



148.4300, 46.3040, 19.8720



145.6350, 43.3280, -3.2960

Sweetspot

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



123.1300, -77.4800, -27.5600



196.7510, -30.3960, -10.8120



108.9080, -34.5580, -67.5660



97.7310, -18.4760, -6.5720



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



123.1300, -77.4800, -27.5600



150.8900, -121.2630, -43.5590



86.1490, -60.1550, 5.3890



79.3090, -5.3640, -1.9080



101.6450, -86.4200, -30.7400



12.6180, -10.7280, -3.8160

Inverse Universe

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



70.8700, 77.4800, 27.5600



69.1100, 121.2630, 43.5590



107.8510, 60.1550, -5.3890



75.6910, 5.3640, 1.9080



43.3550, 86.4200, 30.7400



5.3820, 10.7280, 3.8160

Previews

White Background



This preview shows how the YIQ color 123.1300, -77.4800, -27.5600 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 YIQ color 123.1300, -77.4800, -27.5600 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](#).

YIQ 123.1300, -77.4800, -27.5600 Background



This preview shows how black text looks on a background with the YIQ color 123.1300, -77.4800, -27.5600.



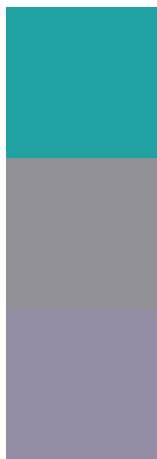
This preview shows how white text looks on a background with the YIQ color 123.1300, -77.4800, -27.5600.

-27.5600.

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

123.1300, -77.4800, -27.5600

Protanopia

145.3960, -1.0550, 2.6010

Deuteranopia

146.2420, -3.2570, 9.4710



Tritanopia

126.2000, -74.5010, -20.9730

Trichromacy



Original Color

123.1300, -77.4800, -27.5600

Protanomaly

137.7020, -28.7000, -8.5080

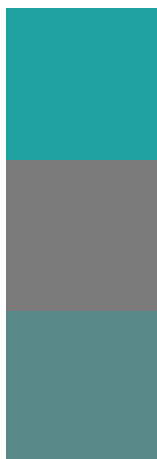
Deuteranomaly

137.9670, -30.7640, -4.1400

Tritanomaly

125.1350, -75.8760, -23.5880

Monochromacy



Original Color

123.1300, -77.4800, -27.5600

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

122.9470, -28.0120, -9.9640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.1300, -77.4800, -27.5600 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(32, 162, 162)` looks like.

```
.text, #text, p{  
    color:rgb(32, 162, 162)  
}
```

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(32, 162, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 162, 162) }
```

Border

The CSS property to change the border of an element to YIQ 123.1300, -77.4800, -27.5600 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(32, 162, 162) }
```


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

```
.border{ border-color:rgb(32, 162, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 162, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 162, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 162, 162);  
box-shadow:4px 4px 4px 4px rgb(32, 162,  
162) }
```

Background

The CSS property to change the background color of an element to YIQ 123.1300, -77.4800, -27.5600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 162, 162) }
```

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

```
.background{ background-color: rgb(32, 162,  
162) }
```

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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