

Converting Colors

YIQ(123.6510, -77.3890,
-23.7010)

Have a look what the booklet for
YIQ(123.6510, -77.3890, -23.7010)
contains.

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Color

**YIQ(123.6510, -77.3890,
-23.7010)**

Conversions

Conversions Part 1

Format	Color
Hex	23A0A9
RGB	35, 160, 169
RGB Percent	14%, 63%, 66%
CMY	0.8630, 0.3723, 0.3376
CMYK	0.79, 0.05, 0.00, 0.34
HSL	184°, 66%, 40%
HSV	184°, 79%, 66%
XYZ	20.4244, 28.3774, 41.8976
YIQ	123.6510, -77.3890, -23.7010

Conversions

Conversions Part 2

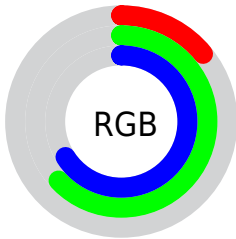
Format	Color
R_{YB}	35, 100, 169
Decimal	2334889
CIE _{Lab}	60.23, -29.09, -14.04
CIE _{LCh}	60, 32.298, 205.770
Yxy	28.3774, 0.2252, 0.3129
Android (android.graphics.Color)	4280524969 (0xFF23A0A9)
YUV	123.6510, 22.3571, -77.7469
Hunter-Lab	53.2705, -24.7846, -9.3427

Details

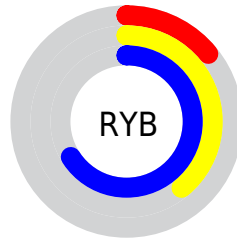
The YIQ color **123.6510, -77.3890, -23.7010** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **80.3490, 77.3890, 23.7010**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **183.1360, -68.4490, -20.5210**, and **76.7340, -67.2570, -20.0970** is the 20% darker color. If you saturate the color by 10%, you get **117.9810, -87.2460, -26.7820**, and if you desaturate by 10%, it is **129.3210, -67.5320, -20.6200**.

Distribution



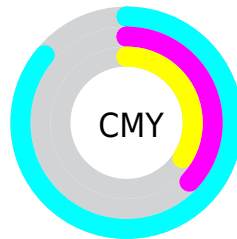
- Red (14%)
- Green (63%)
- Blue (66%)



- Red (14%)
- Yellow (39%)
- Blue (66%)



- Cyan (79%)
- Magenta (5%)
- Yellow (0%)
- Black (34%)





- Cyan (86%)
- Magenta (37%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 123.6510, -77.3890, -23.7010 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 123.6510, -77.3890, -23.7010 by changing the saturation by 10% instead.


 123.6510,
-77.3890, -23.7010


 123.6510,
-77.3890, -23.7010


 255.0000, -0.0000,
-0.0000


 94.8460, -82.4320,
-25.9200


 183.1360,
-68.4490, -20.5210


 76.7340, -67.2570,
-20.0970


 212.4350,
-67.8530, -20.3090


 59.2090, -52.3570,
-14.7970


 228.0900,
-53.6400, -19.0800

 43.0860, -38.6490,
-9.9210

 236.7610,
-36.3560, -12.9320

 27.5500, -25.2160,
-5.5680

 245.7310,
-18.4760, -6.5720

 4.7250, -9.1710,
6.5170

 0.0000, 0.0000,

0.0000

■ 123.6510,
-77.3890, -23.7010

■ 123.6510,
-77.3890, -23.7010

■ 117.9810,
-87.2460, -26.7820

■ 129.3210,
-67.5320, -20.6200

■ 112.3110,
-97.1030, -29.8630

■ 134.9910,
-57.6750, -17.5390

■ 112.0120,
-97.6990, -30.0750

■ 140.6610,
-47.8180, -14.4580

■ 146.9180,
-38.2360, -11.9000

■ 152.2890,
-28.9750, -9.0310

■ 157.9590,
-19.1180, -5.9500

■ 163.6290, -9.2610,
-2.8690

■ 169.2990, 0.5960,
0.2120

■ 174.9690, 10.4530,
3.2930

Harmonies

Analogous

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



130.5110, -47.8160, -25.5120



123.6510, -77.3890, -23.7010



128.2960, -74.4110, -11.5870

Triad

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



123.6510, -77.3890, -23.7010



148.9380, 12.8790, 25.4150



143.6180, 32.8300, -11.2820

Complementary

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



123.6510, -77.3890, -23.7010



80.3490, 77.3890, 23.7010

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.



145.5800, 45.1610, 2.0330



123.6510, -77.3890, -23.7010



148.7910, 35.1620, 23.5620

Square

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



123.6510, -77.3890, -23.7010



146.6940, -15.9130, 18.5750



147.3820, 46.2590, 15.1790



140.8000, 11.4660, -20.5820

Rectangle

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



123.6510, -77.3890, -23.7010



136.5420, -57.1280, 0.0880



147.3820, 46.2590, 15.1790



144.4770, 37.7810, -7.3950

Sweetspot

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



123.6510, -77.3890, -23.7010



201.6910, -30.1670, -9.4550



114.4560, -39.0970, -67.9050



99.2580, -18.5220, -5.7380



237.0000, -0.0000, -0.0000



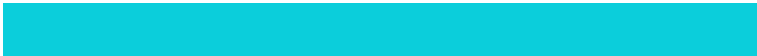
110.0000, 0.0000, 0.0000

Same Dimension

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



123.6510, -77.3890, -23.7010



149.1770, -120.3930, -37.2970



85.4960, -59.5140, 10.2940



81.6080, -4.7680, -1.6960



97.8780, -85.4580, -26.1460



13.4330, -11.6450, -3.7170

Inverse Universe

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



89.3160, 39.7390, 67.2830



95.4220, 61.3730, 104.7410



118.5040, 59.5140, -10.2940



79.3040, 2.2000, 4.1840



59.9840, 43.9100, 74.2940



8.1460, 5.8210, 10.1490

Previews

White Background



This preview shows how the YIQ color 123.6510, -77.3890, -23.7010 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 123.6510, -77.3890, -23.7010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

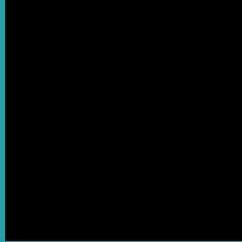
Any Text WCAG AA ✓ Pass

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 123.6510, -77.3890, -23.7010 Background



This preview shows how black text looks on a background with the YIQ color 123.6510, -77.3890, -23.7010.

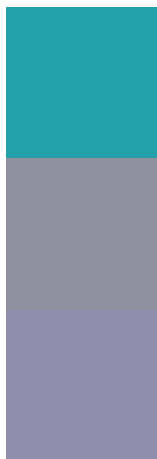


This preview shows how white text looks on a background with the YIQ color 123.6510, -77.3890, -23.7010.

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

123.6510, -77.3890, -23.7010

Protanopia

144.7100, -4.8150, 4.6650

Deuteranopia

145.5450, -8.4840, 10.5880



Tritanopia

124.3030, -76.2890, -21.6090

Trichromacy



Original Color

123.6510, -77.3890, -23.7010

Protanomaly

137.0270, -30.9930, -5.4970

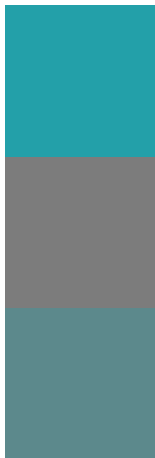
Deuteranomaly

137.5800, -33.9280, -1.8640

Tritanomaly

123.8900, -76.5640, -22.1320

Monochromacy



Original Color

123.6510, -77.3890, -23.7010

Achromatopsia

124.0000, -0.0000, -0.0000

Achromatomaly

123.8870, -27.7830, -8.6070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.6510, -77.3890, -23.7010 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(35, 160, 169)` looks like.

```
.text, #text, p{  
    color:rgb(35, 160, 169)  
}
```

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(35, 160, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 160, 169) }
```

Border

The CSS property to change the border of an element to YIQ 123.6510, -77.3890, -23.7010 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(35, 160, 169) }
```


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

```
.border{ border-color:rgb(35, 160, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 160, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 160, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 160, 169);  
box-shadow:4px 4px 4px 4px rgb(35, 160,  
169) }
```

Background

The CSS property to change the background color of an element to YIQ 123.6510, -77.3890, -23.7010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 160, 169) }
```

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

```
.background{ background-color: rgb(35, 160,  
169) }
```

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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