

Converting Colors

YIQ(126.6010, -56.7570,
-23.1650)

Have a look what the booklet for
YIQ(126.6010, -56.7570, -23.1650)
contains.

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Color

**YIQ(126.6010, -56.7570,
-23.1650)**

Conversions

Conversions Part 1

Format	Color
Hex	3A9D96
RGB	58, 157, 150
RGB Percent	23%, 62%, 59%
CMY	0.7728, 0.3841, 0.4120
CMYK	0.63, 0.00, 0.05, 0.38
HSL	176°, 46%, 42%
HSV	176°, 63%, 62%
XYZ	19.3059, 27.2259, 33.0681
YIQ	126.6010, -56.7570, -23.1650

Conversions

Conversions Part 2

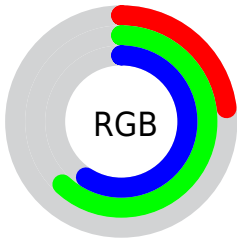
Format	Color
RYB	58, 109, 157
Decimal	3841430
CIELab	59.18, -30.15, -4.81
CIElCh	59, 30.531, 189.064
Yxy	27.2259, 0.2425, 0.3420
Android (android.graphics.Color)	4282031510 (0xFF3A9D96)
YUV	126.6010, 11.5357, -60.1631
Hunter-Lab	52.1785, -25.2678, -1.0501

Details

The YIQ color **126.6010, -56.7570, -23.1650** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **88.3990, 56.7570, 23.1650**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **182.6830, -54.0520, -22.6280**, and **72.9210, -60.6540, -24.1260** is the 20% darker color. If you saturate the color by 10%, you get **121.7030, -65.9720, -26.8680**, and if you desaturate by 10%, it is **131.4990, -47.5420, -19.4620**.

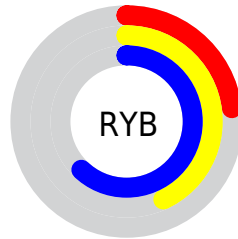
Distribution



Red (23%)

Green (62%)

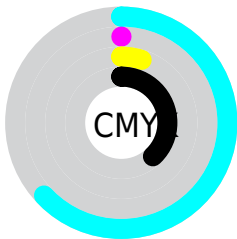
Blue (59%)



Red (23%)

Yellow (43%)

Blue (62%)

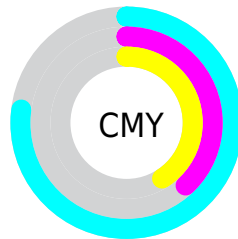


Cyan (63%)

Magenta (0%)

Yellow (5%)

Black (38%)



Cyan (77%)

Magenta (38%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 126.6010, -56.7570, -23.1650 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 126.6010, -56.7570, -23.1650 by changing the saturation by 10% instead.

■ 126.6010,
-56.7570, -23.1650

■ 126.6010,
-56.7570, -23.1650

■ 255.0000, -0.0000,
-0.0000

■ 97.0130, -63.9090,
-25.7090

■ 182.6830,
-54.0520, -22.6280

■ 72.9210, -60.6540,
-24.1260

■ 211.2700,
-54.3270, -23.1510

■ 55.5100, -46.0750,
-18.5150

■ 230.7810,
-48.2760, -17.1720

■ 39.5010, -32.6880,
-13.3280

■ 239.4520,
-30.9920, -11.0240

■ 24.7800, -20.1720,
-8.8760

■ 248.1230,
-13.7080, -4.8760

■ 0.9120, -2.5680,
2.4880

■ 0.0000, 0.0000,

0.0000

■ 126.6010,
-56.7570, -23.1650

■ 126.6010,
-56.7570, -23.1650

■ 121.7030,
-65.9720, -26.8680

■ 131.4990,
-47.5420, -19.4620

■ 117.1040,
-74.5910, -30.3590

■ 136.0980,
-38.9230, -15.9710

■ 112.2060,
-83.8060, -34.0620

■ 140.9960,
-29.7080, -12.2680

■ 108.8030,
-90.0410, -36.7050

■ 145.8940,
-20.4930, -8.5650

■ 150.6070,
-12.1950, -4.7630

■ 155.5050, -2.9800,
-1.0600

■ 160.4030, 6.2350,
2.6430

■ 165.3010, 15.4500,
6.3460

■ 169.9000, 24.0690,
9.8370

Harmonies

Analogous

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



132.1020, -27.5510, -23.8310



126.6010, -56.7570, -23.1650



124.0910, -72.5760, -17.3120

Triad

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



126.6010, -56.7570, -23.1650



145.6910, -2.6630, 20.7370



142.1830, 38.7890, -3.6350

Complementary

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



126.6010, -56.7570, -23.1650



88.3990, 56.7570, 23.1650

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.



143.9100, 44.4720, 9.0160



126.6010, -56.7570, -23.1650



146.5600, 22.6910, 23.8030

Square

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



126.6010, -56.7570, -23.1650



140.8660, -31.3170, 11.3950



145.3090, 39.3350, 19.5190



139.8340, 23.2940, -14.6740

Rectangle

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



126.6010, -56.7570, -23.1650



128.8950, -65.7920, -8.0960



145.3090, 39.3350, 19.5190



142.6720, 41.9060, 0.4500

Sweetspot

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



126.6010, -56.7570, -23.1650



191.9970, -22.2810, -9.2010



118.5050, -22.4570, -50.0810



94.8950, -13.0660, -5.4980



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



126.6010, -56.7570, -23.1650



156.4010, -88.8490, -36.2810



103.3320, -47.7290, 0.4550



76.4940, -4.4470, -2.0070



99.1030, -82.0180, -33.4260



10.4010, -8.6190, -3.4910

Inverse Universe

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



88.3990, 56.7570, 23.1650



96.5990, 88.8490, 36.2810



111.6680, 47.7290, -0.4550



73.5060, 4.4470, 2.0070



43.8970, 82.0180, 33.4260



4.5990, 8.6190, 3.4910

Previews

White Background



This preview shows how the YIQ color 126.6010, -56.7570, -23.1650 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 126.6010, -56.7570, -23.1650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

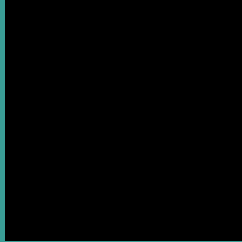
Any Text WCAG AA ✓ Pass

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 126.6010, -56.7570, -23.1650 Background



This preview shows how black text looks on a background with the YIQ color 126.6010, -56.7570, -23.1650.



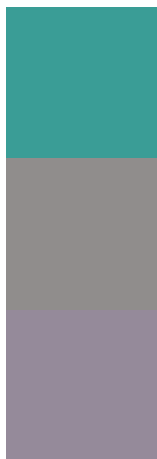
This preview shows how white text looks on a background with the YIQ color 126.6010, -56.7570, -23.1650.

-23.1650.

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

126.6010, -56.7570, -23.1650

Protanopia

141.7830, 2.1090, 0.3250

Deuteranopia

143.1130, 1.4200, 7.3080



Tritanopia

129.1700, -56.6210, -14.6130

Trichromacy



Original Color

126.6010, -56.7570, -23.1650

Protanomaly

136.4920, -19.3010, -8.1410

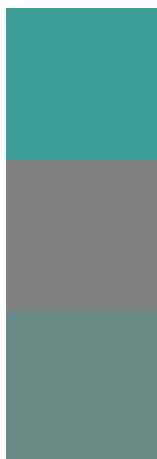
Deuteranomaly

137.2410, -19.8520, -3.6600

Tritanomaly

128.1760, -56.7580, -17.6380

Monochromacy



Original Color

126.6010, -56.7570, -23.1650

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

126.8940, -20.4930, -8.5650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.6010, -56.7570, -23.1650 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, 157, 150)` looks like.

```
.text, #text, p{  
    color:rgb(58, 157, 150)  
}
```

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, 157, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 157, 150) }
```

Border

The CSS property to change the border of an element to YIQ 126.6010, -56.7570, -23.1650 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, 157, 150) }
```


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

```
.border{ border-color:rgb(58, 157, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 157, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 157, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 157, 150);  
box-shadow:4px 4px 4px 4px rgb(58, 157,  
150) }
```

Background

The CSS property to change the background color of an element to YIQ 126.6010, -56.7570, -23.1650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 157, 150) }
```

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

```
.background{ background-color: rgb(58, 157,  
150) }
```

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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