

Converting Colors

YIQ(123.5360, -75.3270,
-17.0150)

Have a look what the booklet for
YIQ(123.5360, -75.3270, -17.0150)
contains.

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Color

**YIQ(123.5360, -75.3270,
-17.0150)**

Conversions

Conversions Part 1

Format	Color
Hex	299BB2
RGB	41, 155, 178
RGB Percent	16%, 61%, 70%
CMY	0.8394, 0.3920, 0.3023
CMYK	0.77, 0.13, 0.00, 0.30
HSL	190°, 63%, 43%
HSV	190°, 77%, 70%
XYZ	20.6689, 27.1398, 46.2261
YIQ	123.5360, -75.3270, -17.0150

Conversions

Conversions Part 2

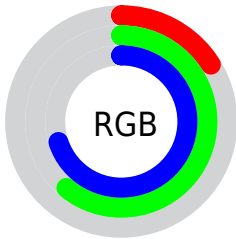
Format	Color
R_{YB}	41, 103, 178
Decimal	2726834
CIE _{Lab}	59.10, -23.05, -20.83
CIE _{LCh}	59, 31.064, 222.103
Yxy	27.1398, 0.2198, 0.2886
Android (android.graphics.Color)	4280916914 (0xFF299BB2)
YUV	123.5360, 26.8508, -72.3841
Hunter-Lab	52.0959, -20.3484, -16.1425

Details

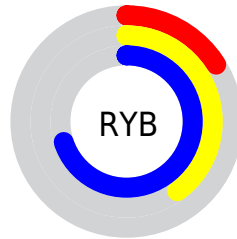
The YIQ color **123.5360, -75.3270, -17.0150** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **95.4640, 75.3270, 17.0150**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **182.5370, -67.9000, -13.9480**, and **75.2980, -68.7250, -15.5170** is the 20% darker color. If you saturate the color by 10%, you get **116.3930, -85.2300, -19.2620**, and if you desaturate by 10%, it is **130.6790, -65.4240, -14.7680**.

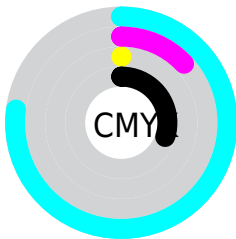
Distribution



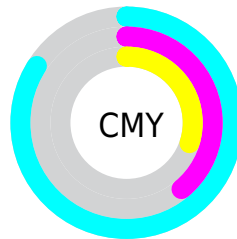
- Red (16%)
- Green (61%)
- Blue (70%)



- Red (16%)
- Yellow (40%)
- Blue (70%)



- Cyan (77%)
- Magenta (13%)
- Yellow (0%)
- Black (30%)



- Cyan (84%)
- Magenta (39%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 123.5360, -75.3270, -17.0150 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 123.5360, -75.3270, -17.0150 by changing the saturation by 10% instead.

■ 123.5360,
-75.3270, -17.0150

■ 123.5360,
-75.3270, -17.0150

■ 255.0000, -0.0000,
-0.0000

■ 92.9370, -83.9460,
-20.5060

■ 182.5370,
-67.9000, -13.9480

■ 75.2980, -68.7250,
-15.5170

■ 210.0380,
-65.0570, -15.9130

■ 57.7730, -53.8250,
-10.2170

■ 228.9870,
-51.8520, -18.4440

■ 41.5360, -39.7960,
-5.6520

■ 237.9570,
-33.9720, -12.0840

■ 26.5870, -26.6380,
-1.8220

■ 246.9270,
-16.0920, -5.7240

■ 4.8220, -10.8220,
8.9060

■ 0.5700, -1.6050,

1.5550

■ 0.0000, 0.0000,
0.0000

■ 123.5360,
-75.3270, -17.0150

■ 123.5360,
-75.3270, -17.0150

■ 116.3930,
-85.2300, -19.2620

■ 130.6790,
-65.4240, -14.7680

■ 109.2500,
-95.1330, -21.5090

■ 137.8220,
-55.5210, -12.5210

■ 107.1680,
-97.8380, -22.0460

■ 144.6660,
-46.2140, -10.4860

■ 151.8090,
-36.3110, -8.2390

■ 158.9520,
-26.4080, -5.9920

■ 166.0950,
-16.5050, -3.7450

■ 172.9390, -7.1980,
-1.7100

■ 180.0820, 2.7050,
0.5370

■ 187.2250, 12.6080,
2.7840

Harmonies

Analogous

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



125.1490, -61.2960, -23.5040



123.5360, -75.3270, -17.0150



133.1890, -57.6320, -1.7920

Triad

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



123.5360, -75.3270, -17.0150



145.7560, 25.0750, 24.6510



139.4100, 21.5520, -16.1440

Complementary

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



123.5360, -75.3270, -17.0150



95.4640, 75.3270, 17.0150

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.



141.9440, 37.9640, -5.2040



123.5360, -75.3270, -17.0150



144.6790, 41.1690, 19.3210

Square

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



123.5360, -75.3270, -17.0150



145.5990, 0.5920, 22.3200



143.2690, 44.8390, 7.8710



135.7320, -3.0220, -22.3340

Rectangle

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



123.5360, -75.3270, -17.0150



138.8650, -38.7440, 8.3280



143.2690, 44.8390, 7.8710



140.2260, 28.0620, -12.9780

Sweetspot

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



123.5360, -75.3270, -17.0150



210.8700, -29.1130, -6.5290



124.0410, -45.0580, -64.4980



104.1980, -18.2930, -4.3810



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.



123.5360, -75.3270, -17.0150



147.1810, -117.0480, -26.3280



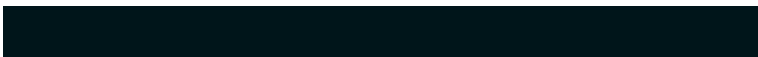
83.6200, -56.6270, 18.5490



85.7220, -5.0890, -1.3850



91.9910, -84.0380, -18.8380



15.2910, -14.1210, -2.8970

Inverse Universe

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



94.9590, 45.0580, 64.4980



102.8650, 70.1310, 100.2030



135.3800, 56.6270, -18.5490



83.6030, 2.7960, 4.3960



60.2250, 50.4210, 71.9330



10.1680, 8.7550, 12.0430

Previews

White Background



This preview shows how the YIQ color 123.5360, -75.3270, -17.0150 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 123.5360, -75.3270, -17.0150 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 123.5360, -75.3270, -17.0150 Background



This preview shows how black text looks on a background with the YIQ color 123.5360, -75.3270, -17.0150.

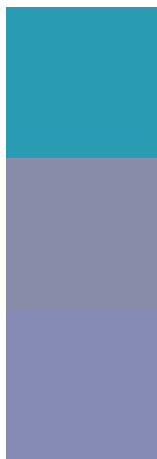


This preview shows how white text looks on a background with the YIQ color 123.5360, -75.3270, -17.0150.

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

123.5360, -75.3270, -17.0150

Protanopia

141.9960, -11.3720, 7.8600

Deuteranopia

142.4070, -16.7830, 12.3130



Tritanopia

121.2920, -77.7560, -22.5560

Trichromacy



Original Color

123.5360, -75.3270, -17.0150

Protanomaly

134.9220, -34.8910, -0.9310

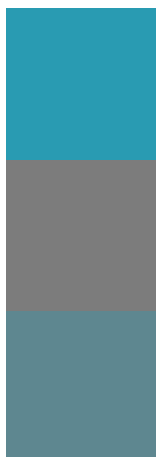
Deuteranomaly

135.6490, -38.3760, 1.6560

Tritanomaly

121.9440, -76.6560, -20.4640

Monochromacy



Original Color

123.5360, -75.3270, -17.0150

Achromatopsia

124.0000, -0.0000, -0.0000

Achromatomaly

123.7670, -27.3250, -5.8930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.5360, -75.3270, -17.0150 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(41, 155, 178)` looks like.

```
.text, #text, p{  
    color:rgb(41, 155, 178)  
}
```

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(41, 155, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 155, 178) }
```

Border

The CSS property to change the border of an element to YIQ 123.5360, -75.3270, -17.0150 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(41, 155, 178) }
```


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

```
.border{ border-color:rgb(41, 155, 178) }
```

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

Here you see how a box with a 4 pixel rgb(41, 155, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 155, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 155, 178);  
box-shadow:4px 4px 4px 4px rgb(41, 155,  
178) }
```

Background

The CSS property to change the background color of an element to YIQ 123.5360, -75.3270, -17.0150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 155, 178) }
```

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

```
.background{ background-color: rgb(41, 155,  
178) }
```

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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