

Converting Colors

YIQ(151.0300, -62.5790,
-27.7870)

Have a look what the booklet for
YIQ(151.0300, -62.5790, -27.7870)
contains.

YIQ(151.0300, -62.5790, -27.7870)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(151.0300, -62.5790,
-27.7870)**

Conversions

Conversions Part 1

Format	Color
Hex	4ABAAD
RGB	74, 186, 173
RGB Percent	29%, 73%, 68%
CMY	0.7101, 0.2704, 0.3218
CMYK	0.60, 0.00, 0.07, 0.27
HSL	173°, 45%, 51%
HSV	173°, 60%, 73%
XYZ	27.9244, 39.6055, 45.6772
YIQ	151.0300, -62.5790, -27.7870

Conversions

Conversions Part 2

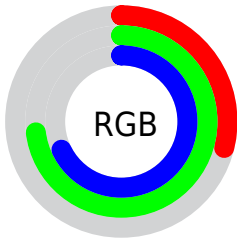
Format	Color
RYB	74, 133, 186
Decimal	4897453
CIELab	69.19, -34.79, -2.84
CIElCh	69, 34.911, 184.672
Yxy	39.6055, 0.2467, 0.3498
Android (android.graphics.Color)	4283087533 (0xFF4ABAAD)
YUV	151.0300, 10.8312, -67.5553
Hunter-Lab	62.9329, -30.9290, 1.0199

Details

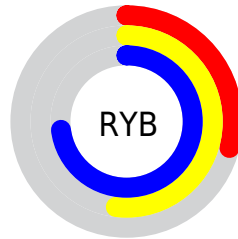
The YIQ color **151.0300, -62.5790, -27.7870** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **108.9700, 62.5790, 27.7870**, and the grayscale version is **151.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **208.6990, -60.1490, -27.7730**, and **91.2780, -75.1410, -31.4050** is the 20% darker color. If you saturate the color by 10%, you get **145.1210, -73.2610, -32.4370**, and if you desaturate by 10%, it is **156.9390, -51.8970, -23.1370**.

Distribution



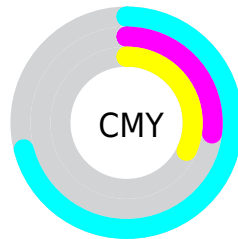
- Red (29%)
- Green (73%)
- Blue (68%)



- Red (29%)
- Yellow (52%)
- Blue (73%)



- Cyan (60%)
- Magenta (0%)
- Yellow (7%)
- Black (27%)



- Cyan (71%)
- Magenta (27%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 151.0300, -62.5790, -27.7870 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 151.0300, -62.5790, -27.7870 by changing the saturation by 10% instead.

■ 151.0300,
-62.5790, -27.7870

■ 151.0300,
-62.5790, -27.7870

■ 255.0000, -0.0000,
-0.0000

■ 121.6380,
-67.3470, -29.4830

■ 208.6990,
-60.1490, -27.7730

■ 91.2780, -75.1410,
-31.4050

■ 227.4920,
-54.8320, -19.5040

■ 73.7530, -60.2410,
-26.1050

■ 236.1630,
-37.5480, -13.3560

■ 56.3420, -45.6620,
-20.4940

■ 245.1330,
-19.6680, -6.9960

■ 39.7460, -32.0000,
-14.7840

■ 254.1030, -1.7880,
-0.6360

■ 25.0250, -19.4840,
-10.3320

■ 0.4560, -1.2840,

1.2440

■ 0.0000, 0.0000,
0.0000

■ 151.0300,
-62.5790, -27.7870

■ 151.0300,
-62.5790, -27.7870

■ 145.1210,
-73.2610, -32.4370

■ 156.9390,
-51.8970, -23.1370

■ 139.5110,
-83.3470, -36.8750

■ 162.5490,
-41.8110, -18.6990

■ 133.4880,
-93.7080, -41.8360

■ 168.4580,
-31.1290, -14.0490

■ 127.8780,
-103.7940, -46.2740

■ 174.1820,
-21.3640, -9.3000

■ 180.0910,
-10.6820, -4.6500

■ 186.0000, -0.0000,
-0.0000

■ 191.6100, 10.0860,
4.4380

■ 197.5190, 20.7680,
9.0880

■ 203.2430, 30.5330,
13.8370

Harmonies

Analogous

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



158.1680, -27.9170, -28.2130



151.0300, -62.5790, -27.7870



146.8010, -86.5590, -22.7110

Triad

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



151.0300, -62.5790, -27.7870



172.0480, -7.9820, 23.5220



169.2010, 47.5460, -2.6460

Complementary

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



151.0300, -62.5790, -27.7870



108.9700, 62.5790, 27.7870

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.



170.6230, 52.7700, 12.8180



151.0300, -62.5790, -27.7870



173.6080, 22.7360, 28.4960

Square

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



151.0300, -62.5790, -27.7870



166.0050, -41.9540, 11.4380



172.6950, 44.2400, 24.2400



166.4880, 30.0800, -16.5120

Rectangle

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



151.0300, -62.5790, -27.7870



151.6480, -81.3340, -12.7740



172.6950, 44.2400, 24.2400



169.3310, 50.2960, 2.5840

Sweetspot

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



151.0300, -62.5790, -27.7870



228.5730, -24.0230, -10.6710



144.2290, -21.8600, -55.3960



113.5850, -15.1290, -6.6570



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



151.0300, -62.5790, -27.7870



187.6940, -97.2840, -43.1080



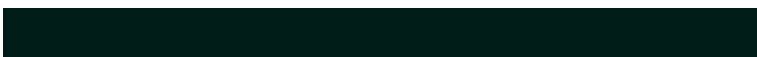
128.4450, -55.4770, -2.3010



89.1950, -5.0430, -2.2190



107.1900, -86.8770, -38.9810



19.2860, -15.7250, -6.8690

Inverse Universe

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



108.9700, 62.5790, 27.7870



122.3060, 97.2840, 43.1080



131.5550, 55.4770, 2.3010



85.8050, 5.0430, 2.2190



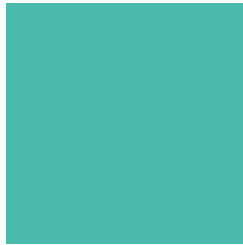
48.6960, 87.1980, 38.6700



8.7140, 15.7250, 6.8690

Previews

White Background



This preview shows how the YIQ color 151.0300, -62.5790, -27.7870 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 151.0300, -62.5790, -27.7870 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

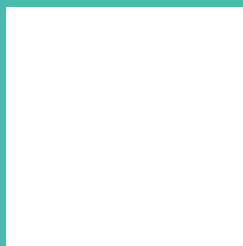
Any Text WCAG AAA ✓ Pass

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

YIQ 151.0300, -62.5790, -27.7870 Background



This preview shows how black text looks on a background with the YIQ color 151.0300, -62.5790, -27.7870.



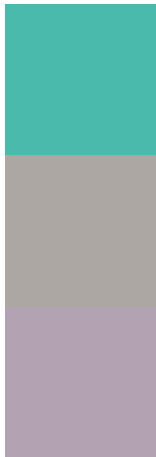
This preview shows how white text looks on a background with the YIQ color 151.0300, -62.5790, -27.7870.

-27.7870.

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

151.0300, -62.5790, -27.7870

Protanopia

167.9250, 4.5850, -0.4950

Deuteranopia

169.4940, 4.7210, 8.0570



Tritanopia

154.4080, -63.2230, -16.1110

Trichromacy



Original Color

151.0300, -62.5790, -27.7870

Protanomaly

161.7260, -20.0800, -10.5440

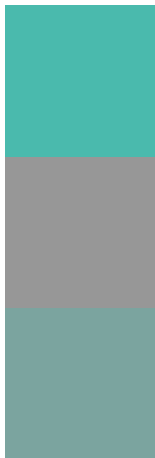
Deuteranomaly

162.6000, -19.4850, -4.8050

Tritanomaly

152.7730, -62.9930, -20.2810

Monochromacy



Original Color

151.0300, -62.5790, -27.7870

Achromatopsia

151.0000, -0.0000, 0.0000

Achromatomaly

151.1710, -22.8310, -10.2470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 151.0300, -62.5790, -27.7870 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(74, 186, 173)` looks like.

```
.text, #text, p{  
    color:rgb(74, 186, 173)  
}
```

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(74, 186, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 186, 173) }
```

Border

The CSS property to change the border of an element to YIQ 151.0300, -62.5790, -27.7870 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(74, 186, 173) }
```


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

```
.border{ border-color:rgb(74, 186, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 186, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 186, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 186, 173);  
box-shadow:4px 4px 4px 4px rgb(74, 186,  
173) }
```

Background

The CSS property to change the background color of an element to YIQ 151.0300, -62.5790, -27.7870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 186, 173) }
```

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

```
.background{ background-color: rgb(74, 186,  
173) }
```

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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