

Converting Colors

YIQ(151.6870, 29.5230, 21.1310)

Have a look what the booklet for
YIQ(151.6870, 29.5230, 21.1310)
contains.

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Color

**YIQ(151.6870, 29.5230,
21.1310)**

Conversions

Conversions Part 1

Format	Color
Hex	C1829B
RGB	193, 130, 155
RGB Percent	76%, 51%, 61%
CMY	0.2430, 0.4903, 0.3921
CMYK	0.00, 0.33, 0.20, 0.24
HSL	336°, 34%, 63%
HSV	336°, 33%, 76%
XYZ	35.9007, 29.6686, 34.8558
YIQ	151.6870, 29.5230, 21.1310

Conversions

Conversions Part 2

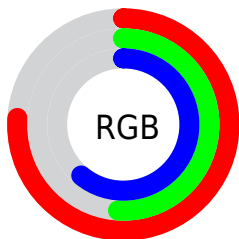
Format	Color
RYB	193, 130, 155
Decimal	12681883
CIELab	61.37, 27.95, -3.42
CIElCh	61, 28.160, 353.017
Yxy	29.6686, 0.3575, 0.2954
Android (android.graphics.Color)	4290871963 (0xFFC1829B)
YUV	151.6870, 1.6333, 36.2315
Hunter-Lab	54.4689, 22.3295, 0.1874

Details

The YIQ color **151.6870, 29.5230, 21.1310** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **171.3130, -29.5230, -21.1310**, and the grayscale version is **152.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **206.5840, 31.3110, 21.7670**, and **100.0780, 26.8640, 19.7600** is the 20% darker color. If you saturate the color by 10%, you get **139.1660, 38.6000, 27.3360**, and if you desaturate by 10%, it is **164.2080, 20.4460, 14.9260**.

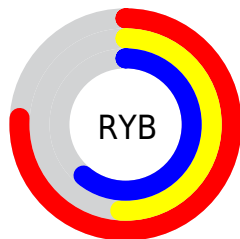
Distribution



Red (76%)

Green (51%)

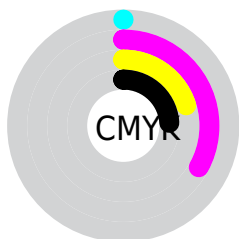
Blue (61%)



Red (76%)

Yellow (51%)

Blue (61%)

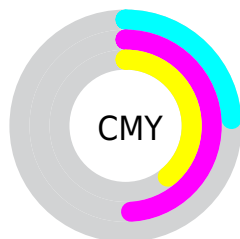


Cyan (0%)

Magenta (33%)

Yellow (20%)

Black (24%)



Cyan (24%)


Magenta (49%)

Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 151.6870, 29.5230, 21.1310 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 151.6870, 29.5230, 21.1310 by changing the saturation by 10% instead.


 151.6870, 29.5230,
21.1310


 151.6870, 29.5230,
21.1310


255.0000, -0.0000,
-0.0000


 125.0890, 28.3310,
20.7070


 206.5840, 31.3110,
21.7670


 100.0780, 26.8640,
19.7600


 227.2340, 17.5570,
17.7250

 75.4800, 25.6720,
19.3360

 246.1950, 4.1250,
7.8450

 50.9960, 24.1590,
19.2230

 27.3380, 23.1960,
20.1560

 13.8550, 19.9420,
13.0460

 0.0000, 0.0000,

0.0000

151.6870, 29.5230,
21.1310

151.6870, 29.5230,
21.1310

139.1660, 38.6000,
27.3360

164.2080, 20.4460,
14.9260

126.1720, 47.6310,
34.3750

177.2020, 11.4150,
7.8870

113.6510, 56.7080,
40.5800

189.7230, 2.3380,
1.6820

101.1300, 65.7850,
46.7850

202.2440, -6.7390,
-4.5230

88.1360, 74.8160,
53.8240

214.6510,
-15.4950, -11.0390

75.6150, 83.8930,
60.0290

227.7590,
-24.8470, -17.7670

■ 66.4850, 90.3110,
64.8630

■ 234.2960,
-30.8530, -19.0530

■ 235.6640,
-34.7050, -15.3210

■ 236.4620,
-36.9520, -13.1440

Harmonies

Analogous

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



151.5630, 9.4410, 21.6410



151.6870, 29.5230, 21.1310



150.3320, 40.5280, 14.4160

Triad

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



151.6870, 29.5230, 21.1310



145.0930, 12.1990, -17.3450



136.1900, -59.3730, -8.7890

Complementary

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



151.6870, 29.5230, 21.1310



171.3130, -29.5230, -21.1310

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.



134.1650, -58.2250, -18.5850



151.6870, 29.5230, 21.1310



141.0670, -11.2750, -21.4430

Square

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



151.6870, 29.5230, 21.1310



147.5300, 30.2620, -8.7940



136.8930, -37.0880, -21.6960



143.3760, -41.8610, 4.2430

Rectangle

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



151.6870, 29.5230, 21.1310



149.7740, 41.8590, 6.8110



136.8930, -37.0880, -21.6960



134.8860, -61.5730, -12.9730

Sweetspot

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



151.6870, 29.5230, 21.1310



233.6150, 11.6900, 8.4100



148.5440, 2.4250, 27.6490



115.1690, 7.0140, 5.0460



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



151.6870, 29.5230, 21.1310



185.7480, 45.8890, 32.9050



152.3590, 35.8980, 10.2180



90.4460, 4.6760, 3.3640



55.4350, 75.4120, 54.0360



11.3490, 15.4950, 11.0390

Inverse Universe

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



151.6870, 29.5230, 21.1310



185.7480, 45.8890, 32.9050



170.6410, -35.8980, -10.2180



90.4460, 4.6760, 3.3640



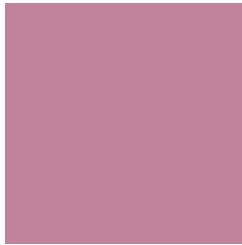
55.4350, 75.4120, 54.0360



11.3490, 15.4950, 11.0390

Previews

White Background



This preview shows how the YIQ color 151.6870, 29.5230, 21.1310 looks on a white background.

Color Contrast Check

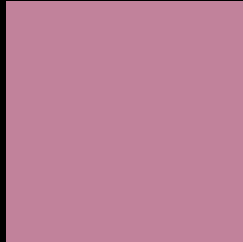
Large Text (above 18pt) WCAG AA ✓ Pass

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 151.6870, 29.5230, 21.1310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

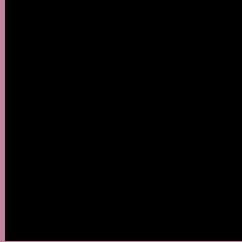
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 151.6870, 29.5230, 21.1310

Background



This preview shows how black text looks on a background with the YIQ color 151.6870, 29.5230, 21.1310.



This preview shows how white text looks on a background with the YIQ color 151.6870, 29.5230,

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

151.6870, 29.5230, 21.1310

Protanopia

148.8670, -6.6950, 5.6970

Deuteranopia

149.9950, 7.5640, 6.0920



Tritanopia

151.0800, 32.5500, 15.8300

Trichromacy



Original Color

151.6870, 29.5230, 21.1310

Protanomaly

149.9720, 6.3710, 11.1950

Deuteranomaly

150.7620, 15.7700, 11.5620

Tritanomaly

151.0630, 31.2200, 17.9080

Monochromacy



Original Color

151.6870, 29.5230, 21.1310

Achromatopsia

152.0000, -0.0000, -0.0000

Achromatomaly

151.9030, 10.8190, 7.6750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 151.6870, 29.5230, 21.1310 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(193, 130, 155)` looks like.

```
.text, #text, p{  
    color:rgb(193, 130, 155)  
}
```

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(193, 130, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 130, 155) }
```

Border

The CSS property to change the border of an element to YIQ 151.6870, 29.5230, 21.1310 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(193, 130, 155) }
```


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

```
.border{ border-color:rgb(193, 130, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 130, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 130, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 130, 155);  
box-shadow:4px 4px 4px 4px rgb(193, 130,  
155) }
```

Background

The CSS property to change the background color of an element to YIQ 151.6870, 29.5230, 21.1310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 130, 155) }
```

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

```
.background{ background-color: rgb(193,  
130, 155) }
```

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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