

Converting Colors

YIQ(181.8300, 29.1170,
-15.5790)

Have a look what the booklet for
YIQ(181.8300, 29.1170, -15.5790)
contains.

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Color

**YIQ(181.8300, 29.1170,
-15.5790)**

Conversions

Conversions Part 1

Format	Color
Hex	C8B87B
RGB	200, 184, 123
RGB Percent	78%, 72%, 48%
CMY	0.2157, 0.2784, 0.5175
CMYK	0.00, 0.08, 0.38, 0.22
HSL	48°, 41%, 63%
HSV	48°, 38%, 78%
XYZ	44.5362, 47.9886, 25.6679
YIQ	181.8300, 29.1170, -15.5790

Conversions

Conversions Part 2

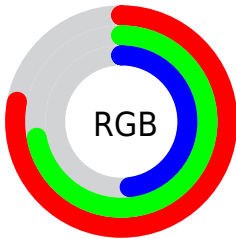
Format	Color
RYB	143, 200, 123
Decimal	13154427
CIELab	74.82, -3.10, 33.03
CIElCh	75, 33.178, 95.363
Yxy	47.9886, 0.3768, 0.4060
Android (android.graphics.Color)	4291344507 (0xFFC8B87B)
YUV	181.8300, -29.0032, 15.9351
Hunter-Lab	69.2738, -6.4712, 26.5230

Details

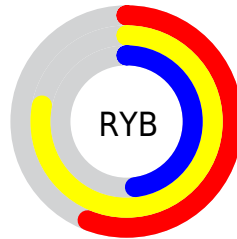
The YIQ color $181.8300, 29.1170, -15.5790$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $141.1700, -29.1170, 15.5790$, and the grayscale version is $182.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $237.1890, 29.4840, -16.7240$, and $128.5740, 26.9620, -15.0700$ is the 20% darker color. If you saturate the color by 10%, you get $177.2020, 36.6370, -19.7070$, and if you desaturate by 10%, it is $186.4580, 21.5970, -11.4510$.

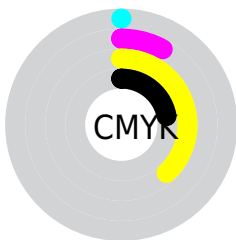
Distribution



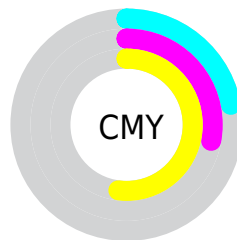
- Red (78%)
- Green (72%)
- Blue (48%)



- Red (56%)
- Yellow (78%)
- Blue (48%)



- Cyan (0%)
- Magenta (8%)
- Yellow (38%)
- Black (22%)



- Cyan (22%)
- Magenta (28%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 181.8300, 29.1170, -15.5790 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 181.8300, 29.1170, -15.5790 by changing the saturation by 10% instead.

■ 181.8300, 29.1170,
-15.5790

■ 181.8300, 29.1170,
-15.5790

255.0000, -0.0000,
-0.0000

■ 154.7590, 27.8790,
-15.1690

■ 237.1890, 29.4840,
-16.7240

■ 128.5740, 26.9620,
-15.0700

■ 249.1860, 16.3710,
-15.8610

■ 103.0900, 25.4490,
-15.1830

■ 252.3780, 7.3830,
-7.1530

■ 78.6060, 23.9360,
-15.2960

■ 54.8940, 23.0650,
-16.0310

■ 35.4620, 15.7740,
-10.5460

■ 15.6490, 5.1820,

-5.8100

■ 0.0000, 0.0000,
0.0000

■ 181.8300, 29.1170,
-15.5790

■ 181.8300, 29.1170,
-15.5790

■ 177.2020, 36.6370,
-19.7070

■ 186.4580, 21.5970,
-11.4510

■ 172.5740, 44.1570,
-23.8350

■ 191.0860, 14.0770,
-7.3230

■ 167.9460, 51.6770,
-27.9630

■ 195.7140, 6.5570,
-3.1950

■ 162.7310, 59.4720,
-31.5680

■ 200.9290, -1.2380,
0.4100

■ 158.1030, 66.9920,
-35.6960

■ 205.5570, -8.7580,
4.5380

■ 153.4750, 74.5120,
-39.8240

■ 210.1850,
-16.2780, 8.6660

■ 152.5460, 75.7500,
-40.2340

■ 213.9010,
-21.2300, 10.3060

■ 216.2490,
-22.3300, 8.2140

■ 218.5970,
-23.4300, 6.1220

Harmonies

Analogous

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



184.7170, 46.0330, -2.7590



181.8300, 29.1170, -15.5790



178.5000, 3.4430, -23.8610

Triad

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



181.8300, 29.1170, -15.5790



167.0690, -75.5100, -19.2060



188.9670, 23.1030, 27.3510

Complementary

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



181.8300, 29.1170, -15.5790



141.1700, -29.1170, 15.5790

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.



187.1190, -6.7440, 23.1120



181.8300, 29.1170, -15.5790



173.1170, -66.2970, -4.4490

Square

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



181.8300, 29.1170, -15.5790



168.5360, -58.1320, -25.7800



181.9730, -38.9280, 11.6640



187.9830, 43.3690, 23.5050

Rectangle

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



181.8300, 29.1170, -15.5790



175.3820, -16.7760, -26.3760



181.9730, -38.9280, 11.6640



189.0630, 14.0250, 26.6730

Sweetspot

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



181.8300, 29.1170, -15.5790



247.9440, 11.6010, -6.5030



147.9610, 40.4350, 21.6110



123.6000, 6.8780, -3.5060



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



181.8300, 29.1170, -15.5790



227.5740, 44.1570, -23.8350



184.6440, 11.6050, -28.6110



96.8000, 3.4390, -1.7530



124.4600, 61.6730, -32.9110



27.2000, 13.7560, -7.0120

Inverse Universe

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



141.1700, -29.1170, 15.5790



165.4260, -44.1570, 23.8350



138.3560, -11.6050, 28.6110



92.2000, -3.4390, 1.7530



38.5400, -61.6730, 32.9110



8.2130, -13.4810, 7.5350

Previews

White Background



This preview shows how the YIQ color 181.8300, 29.1170, -15.5790 looks on a white background.

Color Contrast Check

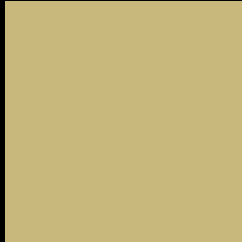
Large Text (above 18pt) WCAG AA × Fail

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 181.8300, 29.1170, -15.5790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

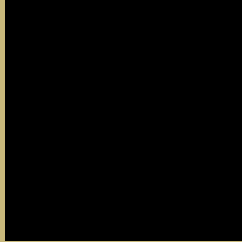
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 181.8300, 29.1170, -15.5790

Background



This preview shows how black text looks on a background with the YIQ color 181.8300, 29.1170, -15.5790.



This preview shows how white text looks on a background with the YIQ color 181.8300, 29.1170,

-15.5790.

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

181.8300, 29.1170, -15.5790

Protanopia

181.8300, 29.1170, -15.5790

Deuteranopia

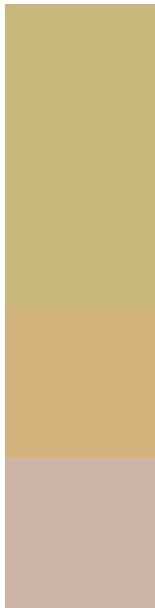
183.3420, 42.5950, -6.5330



Tritanopia

186.7510, 14.3030, 10.6150

Trichromacy



Original Color

181.8300, 29.1170, -15.5790

Protanomaly

181.8300, 29.1170, -15.5790

Deuteranomaly

182.8960, 37.9190, -9.8970

Tritanomaly

184.8790, 19.3940, 0.9460

Monochromacy



Original Color

181.8300, 29.1170, -15.5790

Achromatopsia

182.0000, -0.0000, -0.0000

Achromatomaly

182.2860, 10.6380, -5.5700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 181.8300, 29.1170, -15.5790 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(200, 184, 123)` looks like.

```
.text, #text, p{  
    color:rgb(200, 184, 123)  
}
```

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(200, 184, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 184, 123) }
```

Border

The CSS property to change the border of an element to YIQ 181.8300, 29.1170, -15.5790 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(200, 184, 123) }
```


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

```
.border{ border-color:rgb(200, 184, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 184, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 184, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 184, 123);  
box-shadow:4px 4px 4px 4px rgb(200, 184,  
123) }
```

Background

The CSS property to change the background color of an element to YIQ 181.8300, 29.1170, -15.5790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 184, 123) }
```

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

```
.background{ background-color: rgb(200,  
184, 123) }
```

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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