

Converting Colors

YIQ(187.8300, 29.1170,
-15.5790)

Have a look what the booklet for
YIQ(187.8300, 29.1170, -15.5790)
contains.

YIQ(187.8300, 29.1170, -15.5790)	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(187.8300, 29.1170,
-15.5790)**

Conversions

Conversions Part 1

Format	Color
Hex	CEBE81
RGB	206, 190, 129
RGB Percent	81%, 75%, 51%
CMY	0.1922, 0.2549, 0.4939
CMYK	0.00, 0.08, 0.37, 0.19
HSL	48°, 44%, 66%
HSV	48°, 37%, 81%
XYZ	47.8308, 51.5318, 28.2090
YIQ	187.8300, 29.1170, -15.5790

Conversions

Conversions Part 2

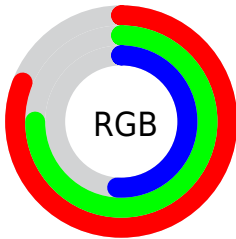
Format	Color
RYB	149, 206, 129
Decimal	13549185
CIELab	77.00, -3.16, 32.85
CIELCh	77, 32.998, 95.493
Yxy	51.5318, 0.3749, 0.4039
Android (android.graphics.Color)	4291739265 (0xFFCEBE81)
YUV	187.8300, -29.0032, 15.9351
Hunter-Lab	71.7857, -6.6904, 26.9513

Details

The YIQ color $187.8300, 29.1170, -15.5790$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $147.1700, -29.1170, 15.5790$, and the grayscale version is $188.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $241.3950, 25.9080, -17.9960$, and $134.2750, 26.3660, -15.2820$ is the 20% darker color. If you saturate the color by 10%, you get $183.0880, 36.9580, -20.0180$, and if you desaturate by 10%, it is $192.5720, 21.2760, -11.1400$.

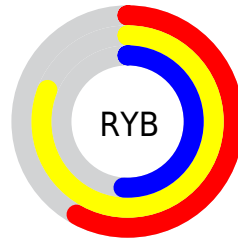
Distribution



Red (81%)

Green (75%)

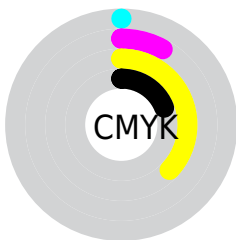
Blue (51%)



Red (58%)

Yellow (81%)

Blue (51%)

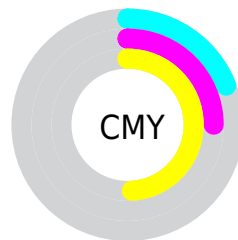


Cyan (0%)

Magenta (8%)

Yellow (37%)

Black (19%)



Cyan (19%)

Magenta (25%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.8300, 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 187.8300, 29.1170, -15.5790 by changing the saturation by 10% instead.

■ 187.8300, 29.1170,
-15.5790

■ 187.8300, 29.1170,
-15.5790

255.0000, -0.0000,
-0.0000

■ 160.6450, 28.2000,
-15.4800

■ 241.5090, 25.5870,
-17.6850

■ 134.2750, 26.3660,
-15.2820

■ 249.8700, 14.4450,
-13.9950

■ 109.0900, 25.4490,
-15.1830

■ 253.1760, 5.1360,
-4.9760

■ 84.0190, 24.2110,
-14.7730

■ 60.3070, 23.3400,
-15.5080

■ 39.3050, 17.6540,
-11.5780

■ 20.3890, 8.8500,

-6.2060

0.0000, 0.0000,
0.0000

187.8300, 29.1170,
-15.5790

187.8300, 29.1170,
-15.5790

183.0880, 36.9580,
-20.0180

192.5720, 21.2760,
-11.1400

177.8730, 44.7530,
-23.6230

197.7870, 13.4810,
-7.5350

173.1310, 52.5940,
-28.0620

202.5290, 5.6400,
-3.0960

168.5030, 60.1140,
-32.1900

207.1570, -1.8800,
1.0320

163.7610, 67.9550,
-36.6290

211.8990, -9.7210,
5.4710

■ 158.4320, 76.0710,
-40.5450

■ 217.2280,
-17.8370, 9.3870

■ 157.2750, 77.9510,
-41.5770

■ 219.8040,
-19.5790, 7.9170

■ 222.1520,
-20.6790, 5.8250

■ 225.0870,
-22.0540, 3.2100

Harmonies

Analogous

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



190.7170, 46.0330, -2.7590



187.8300, 29.1170, -15.5790



184.5000, 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.



187.8300, 29.1170, -15.5790



173.6670, -74.3180, -18.7820



194.9670, 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.



187.8300, 29.1170, -15.5790



147.1700, -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.



193.4180, -6.1480, 23.3240



187.8300, 29.1170, -15.5790



179.4160, -65.7010, -4.2370

Square

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



187.8300, 29.1170, -15.5790



174.8350, -57.5360, -25.5680



187.8590, -38.6070, 11.3530



193.9830, 43.3690, 23.5050

Rectangle

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



187.8300, 29.1170, -15.5790



181.3820, -16.7760, -26.3760



187.8590, -38.6070, 11.3530



195.0630, 14.0250, 26.6730

Sweetspot

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



187.8300, 29.1170, -15.5790



248.2860, 10.6380, -5.5700



153.9610, 40.4350, 21.6110



123.7140, 6.5570, -3.1950



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.



187.8300, 29.1170, -15.5790



227.8020, 43.5150, -23.2130



190.6440, 11.6050, -28.6110



99.6860, 3.7600, -2.0640



126.5310, 62.9110, -33.3210



28.9720, 14.3980, -7.6340

Inverse Universe

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



147.1700, -29.1170, 15.5790



167.1980, -43.5150, 23.2130



144.3560, -11.6050, 28.6110



94.3140, -3.7600, 2.0640



38.8820, -62.6360, 33.8440



9.0280, -14.3980, 7.6340

Previews

White Background



This preview shows how the YIQ color 187.8300, 29.1170, -15.5790 looks on a white background.

Color Contrast Check

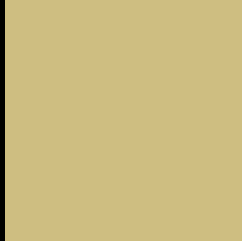
Large Text (above 18pt) WCAG AA × Fail

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 187.8300, 29.1170, -15.5790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

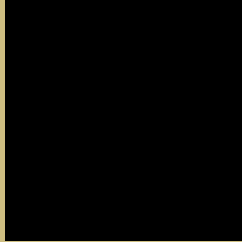
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 187.8300, 29.1170, -15.5790

Background



This preview shows how black text looks on a background with the YIQ color 187.8300, 29.1170, -15.5790.



This preview shows how white text looks on a background with the YIQ color 187.8300, 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

187.8300, 29.1170, -15.5790

Protanopia

187.8300, 29.1170, -15.5790

Deuteranopia

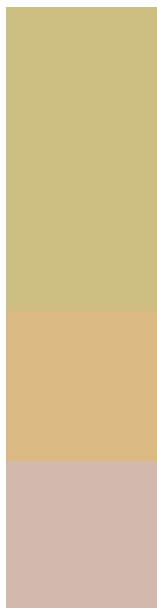
189.6410, 43.1910, -6.3210



Tritanopia

192.8650, 13.9820, 10.9260

Trichromacy



Original Color

187.8300, 29.1170, -15.5790

Protanomaly

187.8300, 29.1170, -15.5790

Deuteranomaly

188.8960, 37.9190, -9.8970

Tritanomaly

190.9930, 19.0730, 1.2570

Monochromacy



Original Color

187.8300, 29.1170, -15.5790

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.2860, 10.6380, -5.5700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.8300, 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(206, 190, 129)` looks like.

```
.text, #text, p{  
    color:rgb(206, 190, 129)  
}
```

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(206, 190, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 190, 129) }
```

Border

The CSS property to change the border of an element to YIQ 187.8300, 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(206, 190, 129) }
```


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

```
.border{ border-color:rgb(206, 190, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 190, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 190, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 190, 129);  
box-shadow:4px 4px 4px 4px rgb(206, 190,  
129) }
```

Background

The CSS property to change the background color of an element to YIQ 187.8300, 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(206, 190, 129) }
```

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

```
.background{ background-color: rgb(206,  
190, 129) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor