

Converting Colors

YIQ(194.7160, 29.4380,
-15.8900)

Have a look what the booklet for
YIQ(194.7160, 29.4380, -15.8900)
contains.

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Color

**YIQ(194.7160, 29.4380,
-15.8900)**

Conversions

Conversions Part 1

Format	Color
Hex	D5C587
RGB	213, 197, 135
RGB Percent	84%, 77%, 53%
CMY	0.1647, 0.2275, 0.4704
CMYK	0.00, 0.08, 0.37, 0.16
HSL	48°, 48%, 68%
HSV	48°, 37%, 84%
XYZ	51.7814, 55.8259, 30.9835
YIQ	194.7160, 29.4380, -15.8900

Conversions

Conversions Part 2

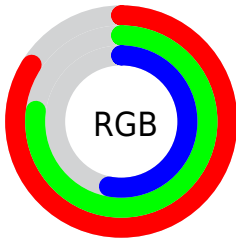
Format	Color
RYB	155, 213, 135
Decimal	14009735
CIELab	79.51, -3.34, 33.13
CIElCh	80, 33.299, 95.750
Yxy	55.8259, 0.3736, 0.4028
Android (android.graphics.Color)	4292199815 (0xFFD5C587)
YUV	194.7160, -29.4400, 16.0351
Hunter-Lab	74.7168, -7.0475, 27.7154

Details

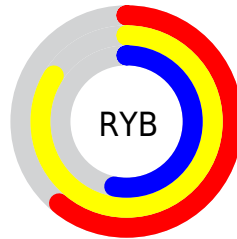
The YIQ color $194.7160, 29.4380, -15.8900$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $153.2840, -29.4380, 15.8900$, and the grayscale version is $195.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $246.8890, 21.4610, -20.0030$, and $140.4600, 27.2830, -15.3810$ is the 20% darker color. If you saturate the color by 10%, you get $189.9740, 37.2790, -20.3290$, and if you desaturate by 10%, it is $199.4580, 21.5970, -11.4510$.

Distribution



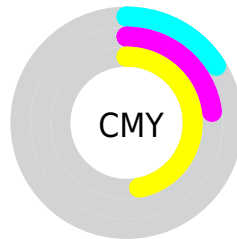
- Red (84%)
- Green (77%)
- Blue (53%)



- Red (61%)
- Yellow (84%)
- Blue (53%)



- Cyan (0%)
- Magenta (8%)
- Yellow (37%)
- Black (16%)



- Cyan (16%)
- Magenta (23%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 194.7160, 29.4380, -15.8900 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 194.7160, 29.4380, -15.8900 by changing the saturation by 10% instead.

■ 194.7160, 29.4380,
-15.8900

■ 194.7160, 29.4380,
-15.8900

255.0000, -0.0000,
-0.0000

■ 167.5310, 28.5210,
-15.7910

■ 246.8890, 21.4610,
-20.0030

■ 140.4600, 27.2830,
-15.3810

■ 250.6680, 12.1980,
-11.8180

■ 114.9760, 25.7700,
-15.4940

■ 253.9740, 2.8890,
-2.7990

■ 89.9050, 24.5320,
-15.0840

■ 66.1930, 23.6610,
-15.8190

■ 44.6210, 19.5800,
-13.4440

■ 25.1180, 11.0510,

-7.5490

■ 0.0000, 0.0000,
0.0000

■ 194.7160, 29.4380,
-15.8900

■ 194.7160, 29.4380,
-15.8900

■ 189.9740, 37.2790,
-20.3290

■ 199.4580, 21.5970,
-11.4510

■ 184.5310, 45.7160,
-24.5560

■ 204.9010, 13.1600,
-7.2240

■ 179.7890, 53.5570,
-28.9950

■ 209.6430, 5.3190,
-2.7850

■ 175.0470, 61.3980,
-33.4340

■ 214.3850, -2.5220,
1.6540

■ 169.7180, 69.5140,
-37.3500

■ 219.8280,
-10.9590, 5.8810

■ 164.8620, 77.6760,
-42.1000

■ 223.6580,
-16.2320, 7.8320

■ 162.8900, 80.4730,
-43.2310

■ 226.5930,
-17.6070, 5.2170

■ 228.9410,
-18.7070, 3.1250

■ 231.2890,
-19.8070, 1.0330

Harmonies

Analogous

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



197.0160, 46.6290, -2.5470



194.7160, 29.4380, -15.8900



191.0870, 3.1680, -24.3840

Triad

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



194.7160, 29.4380, -15.8900



180.4820, -75.2350, -18.6830



202.2660, 23.6990, 27.5630

Complementary

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



194.7160, 29.4380, -15.8900



153.2840, -29.4380, 15.8900

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.



200.4180, -6.1480, 23.3240



194.7160, 29.4380, -15.8900



186.5300, -66.0220, -3.9260

Square

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



194.7160, 29.4380, -15.8900



181.5360, -58.1320, -25.7800



194.6310, -37.9650, 10.7310



200.2710, 42.4980, 22.7700

Rectangle

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



194.7160, 29.4380, -15.8900



187.9690, -17.0510, -26.8990



194.6310, -37.9650, 10.7310



201.7750, 14.8960, 27.4080

Sweetspot

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



194.7160, 29.4380, -15.8900



248.2860, 10.6380, -5.5700



160.2600, 41.0310, 21.8230



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.



194.7160, 29.4380, -15.8900



228.7310, 42.2770, -22.8030



197.5300, 11.9260, -28.9220



104.5720, 4.0810, -2.3750



130.9610, 64.5160, -34.8760



32.8150, 16.2780, -8.6660

Inverse Universe

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



153.2840, -29.4380, 15.8900



169.2690, -42.2770, 22.8030



150.4700, -11.9260, 28.9220



99.0150, -4.3560, 1.8520



40.0390, -64.5160, 34.8760



10.1850, -16.2780, 8.6660

Previews

White Background



This preview shows how the YIQ color 194.7160, 29.4380, -15.8900 looks on a white background.

Color Contrast Check

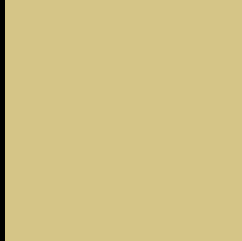
Large Text (above 18pt) WCAG AA × Fail

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 194.7160, 29.4380, -15.8900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

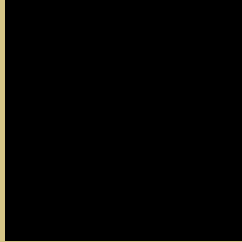
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 194.7160, 29.4380, -15.8900

Background



This preview shows how black text looks on a background with the YIQ color 194.7160, 29.4380, -15.8900.



This preview shows how white text looks on a background with the YIQ color 194.7160, 29.4380, -15.8900.

-15.8900.

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

194.7160, 29.4380, -15.8900

Protanopia

194.7160, 29.4380, -15.8900

Deuteranopia

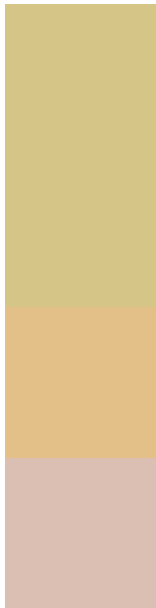
196.8260, 44.1080, -6.4200



Tritanopia

199.5770, 14.8530, 11.6610

Trichromacy



Original Color

194.7160, 29.4380, -15.8900

Protanomaly

194.7160, 29.4380, -15.8900

Deuteranomaly

196.0810, 38.8360, -9.9960

Tritanomaly

197.5910, 20.2650, 1.6810

Monochromacy



Original Color

194.7160, 29.4380, -15.8900

Achromatopsia

195.0000, -0.0000, 0.0000

Achromatomaly

195.1720, 10.9590, -5.8810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 194.7160, 29.4380, -15.8900 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(213, 197, 135)` looks like.

```
.text, #text, p{  
    color:rgb(213, 197, 135)  
}
```

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(213, 197, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 197, 135) }
```

Border

The CSS property to change the border of an element to YIQ 194.7160, 29.4380, -15.8900 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(213, 197, 135) }
```


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

```
.border{ border-color:rgb(213, 197, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 197, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 197, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 197, 135);  
box-shadow:4px 4px 4px 4px rgb(213, 197,  
135) }
```

Background

The CSS property to change the background color of an element to YIQ 194.7160, 29.4380, -15.8900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 197, 135) }
```

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

```
.background{ background-color: rgb(213,  
197, 135) }
```

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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