

Converting Colors

YIQ(195.0150, 30.0340,
-15.6780)

Have a look what the booklet for
YIQ(195.0150, 30.0340, -15.6780)
contains.

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Color

**YIQ(195.0150, 30.0340,
-15.6780)**

Conversions

Conversions Part 1

Format	Color
Hex	D6C587
RGB	214, 197, 135
RGB Percent	84%, 77%, 53%
CMY	0.1608, 0.2275, 0.4704
CMYK	0.00, 0.08, 0.37, 0.16
HSL	47°, 49%, 68%
HSV	47°, 37%, 84%
XYZ	52.0725, 55.9759, 30.9973
YIQ	195.0150, 30.0340, -15.6780

Conversions

Conversions Part 2

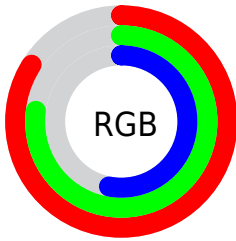
Format	Color
RYB	157, 214, 135
Decimal	14075271
CIELab	79.60, -2.94, 33.26
CIELCh	80, 33.389, 95.053
Yxy	55.9759, 0.3745, 0.4026
Android (android.graphics.Color)	4292265351 (0xFFD6C587)
YUV	195.0150, -29.5874, 16.6498
Hunter-Lab	74.8170, -6.6942, 27.8076

Details

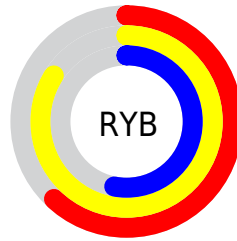
The YIQ color $195.0150, 30.0340, -15.6780$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $153.9850, -30.0340, 15.6780$, and the grayscale version is $195.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $246.8890, 21.4610, -20.0030$, and $140.7590, 27.8790, -15.1690$ is the 20% darker color. If you saturate the color by 10%, you get $189.6860, 38.1500, -19.5940$, and if you desaturate by 10%, it is $200.3440, 21.9180, -11.7620$.

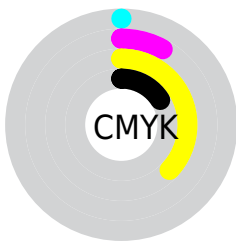
Distribution



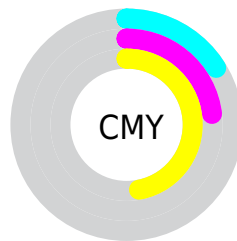
- Red (84%)
- Green (77%)
- Blue (53%)



- Red (62%)
- 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 195.0150, 30.0340, -15.6780 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 195.0150, 30.0340, -15.6780 by changing the saturation by 10% instead.

■ 195.0150, 30.0340,
-15.6780

■ 195.0150, 30.0340,
-15.6780

255.0000, -0.0000,
-0.0000

■ 167.8300, 29.1170,
-15.5790

■ 246.8890, 21.4610,
-20.0030

■ 140.7590, 27.8790,
-15.1690

■ 250.6680, 12.1980,
-11.8180

■ 115.2750, 26.3660,
-15.2820

■ 253.9740, 2.8890,
-2.7990

■ 90.2040, 25.1280,
-14.8720

■ 66.1930, 23.6610,
-15.8190

■ 44.9200, 20.1760,
-13.2320

■ 25.1180, 11.0510,

-7.5490

■ 0.0000, 0.0000,
0.0000

■ 195.0150, 30.0340,
-15.6780

■ 195.0150, 30.0340,
-15.6780

■ 189.6860, 38.1500,
-19.5940

■ 200.3440, 21.9180,
-11.7620

■ 184.8300, 46.3120,
-24.3440

■ 205.2000, 13.7560,
-7.0120

■ 179.5010, 54.4280,
-28.2600

■ 210.5290, 5.6400,
-3.0960

■ 174.6450, 62.5900,
-33.0100

■ 215.3850, -2.5220,
1.6540

■ 169.3160, 70.7060,
-36.9260

■ 220.7140,
-10.6380, 5.5700

■ 163.9870, 78.8220,
-40.8420

■ 225.1310,
-16.1860, 6.9980

■ 162.6020, 81.3440,
-42.4960

■ 227.4790,
-17.2860, 4.9060

■ 230.4140,
-18.6610, 2.2910

■ 232.7620,
-19.7610, 0.1990

Harmonies

Analogous

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



197.4290, 46.9040, -2.0240



195.0150, 30.0340, -15.6780



191.3860, 3.7640, -24.1720

Triad

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



195.0150, 30.0340, -15.6780



180.4820, -75.2350, -18.6830



202.0810, 22.7820, 27.6620

Complementary

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



195.0150, 30.0340, -15.6780



153.9850, -30.0340, 15.6780

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.



200.5320, -6.4690, 23.6350



195.0150, 30.0340, -15.6780



186.8180, -66.8930, -4.6610

Square

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



195.0150, 30.0340, -15.6780



182.4220, -57.8110, -26.0910



194.3320, -38.5610, 10.5190



200.3850, 42.1770, 23.0810

Rectangle

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



195.0150, 30.0340, -15.6780



188.8550, -16.7300, -27.2100



194.3320, -38.5610, 10.5190



202.1770, 13.7040, 26.9840

Sweetspot

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



195.0150, 30.0340, -15.6780



248.2860, 10.6380, -5.5700



160.5590, 41.6270, 22.0350



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.



195.0150, 30.0340, -15.6780



228.1440, 42.5520, -22.2800



198.4160, 12.2470, -29.2330



104.5720, 4.0810, -2.3750



129.7870, 65.0660, -33.8300



32.8150, 16.2780, -8.6660

Inverse Universe

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



153.9850, -30.0340, 15.6780



169.8560, -42.5520, 22.2800



150.5840, -12.2470, 29.2330



99.0150, -4.3560, 1.8520



41.2130, -65.0660, 33.8300



10.1850, -16.2780, 8.6660

Previews

White Background



This preview shows how the YIQ color 195.0150, 30.0340, -15.6780 looks on a white background.

Color Contrast Check

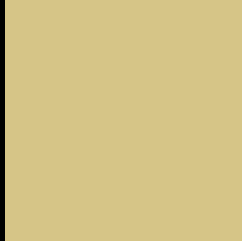
Large Text (above 18pt) WCAG AA × Fail

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 195.0150, 30.0340, -15.6780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

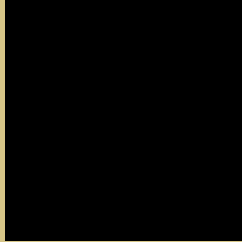
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 195.0150, 30.0340, -15.6780

Background



This preview shows how black text looks on a background with the YIQ color 195.0150, 30.0340, -15.6780.



This preview shows how white text looks on a background with the YIQ color 195.0150, 30.0340, -15.6780.

-15.6780.

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

195.0150, 30.0340, -15.6780

Protanopia

194.7160, 29.4380, -15.8900

Deuteranopia

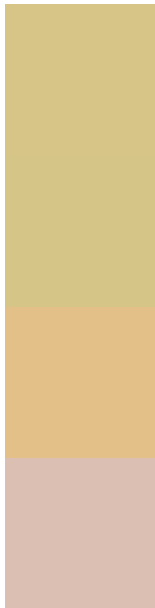
196.8260, 44.1080, -6.4200



Tritanopia

199.8760, 15.4490, 11.8730

Trichromacy



Original Color

195.0150, 30.0340, -15.6780

Protanomaly

194.7160, 29.4380, -15.8900

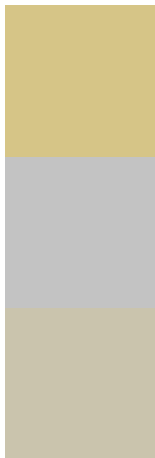
Deuteranomaly

196.0810, 38.8360, -9.9960

Tritanomaly

197.8900, 20.8610, 1.8930

Monochromacy



Original Color

195.0150, 30.0340, -15.6780

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 195.0150, 30.0340, -15.6780 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(214, 197, 135)` looks like.

```
.text, #text, p{  
    color:rgb(214, 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(214, 197, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 197, 135) }
```

Border

The CSS property to change the border of an element to YIQ 195.0150, 30.0340, -15.6780 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(214, 197, 135) }
```


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

```
.border{ border-color:rgb(214, 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(214, 197, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 197, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 197, 135);  
box-shadow:4px 4px 4px 4px rgb(214, 197,  
135) }
```

Background

The CSS property to change the background color of an element to YIQ 195.0150, 30.0340, -15.6780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 197, 135) }
```

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

```
.background{ background-color: rgb(214,  
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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