

Converting Colors

YIQ(199.5380, 35.8110,
-15.7490)

Have a look what the booklet for
YIQ(199.5380, 35.8110, -15.7490)
contains.

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Color

**YIQ(199.5380, 35.8110,
-15.7490)**

Conversions

Conversions Part 1

Format	Color
Hex	E0C885
RGB	224, 200, 133
RGB Percent	88%, 78%, 52%
CMY	0.1216, 0.2157, 0.4782
CMYK	0.00, 0.11, 0.41, 0.12
HSL	44°, 59%, 70%
HSV	44°, 41%, 88%
XYZ	55.6306, 58.8465, 30.6347
YIQ	199.5380, 35.8110, -15.7490

Conversions

Conversions Part 2

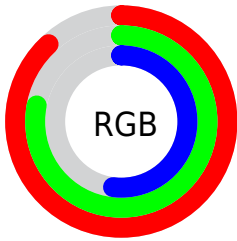
Format	Color
RYB	166, 224, 133
Decimal	14731397
CIELab	81.21, -0.75, 36.55
CIELCh	81, 36.553, 91.181
Yxy	58.8465, 0.3834, 0.4055
Android (android.graphics.Color)	4292921477 (0xFFE0C885)
YUV	199.5380, -32.8032, 21.4532
Hunter-Lab	76.7115, -4.7982, 30.0206

Details

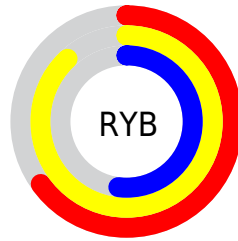
The YIQ color $199.5380, 35.8110, -15.7490$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $157.4620, -35.8110, 15.7490$, and the grayscale version is $200.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $247.2480, 21.8280, -21.1480$, and $144.9830, 33.0600, -15.4520$ is the 20% darker color. If you saturate the color by 10%, you get $193.5080, 44.5230, -19.4530$, and if you desaturate by 10%, it is $205.5680, 27.0990, -12.0450$.

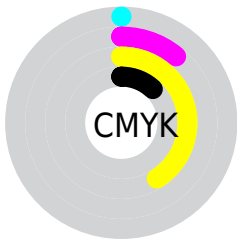
Distribution



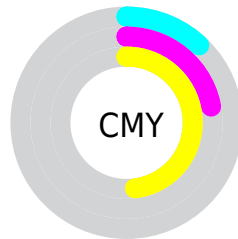
- Red (88%)
- Green (78%)
- Blue (52%)



- Red (65%)
- Yellow (88%)
- Blue (52%)



- Cyan (0%)
- Magenta (11%)
- Yellow (41%)
- Black (12%)



- Cyan (12%)
- Magenta (22%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 199.5380, 35.8110, -15.7490 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 199.5380, 35.8110, -15.7490 by changing the saturation by 10% instead.

■ 199.5380, 35.8110,
-15.7490

■ 199.5380, 35.8110,
-15.7490

255.0000, -0.0000,
-0.0000

■ 172.0540, 34.2980,
-15.8620

■ 247.2480, 21.8280,
-21.1480

■ 144.9830, 33.0600,
-15.4520

■ 250.4400, 12.8400,
-12.4400

■ 119.4990, 31.5470,
-15.5650

■ 253.7460, 3.5310,
-3.4210

■ 94.0150, 30.0340,
-15.6780

■ 69.3030, 29.1630,
-16.4130

■ 48.1870, 23.7980,
-12.7940

■ 28.3850, 14.6730,

-7.1110

■ 4.4300, 1.6050,
-1.5550

■ 0.0000, 0.0000,
0.0000

■ 199.5380, 35.8110,
-15.7490

■ 199.5380, 35.8110,
-15.7490

■ 193.5080, 44.5230,
-19.4530

■ 205.5680, 27.0990,
-12.0450

■ 187.3640, 53.5560,
-23.4680

■ 211.7120, 18.0660,
-8.0300

■ 181.3340, 62.2680,
-27.1720

■ 217.7420, 9.3540,
-4.3260

■ 175.1900, 71.3010,
-31.1870

■ 223.8860, 0.3210,
-0.3110

■ 169.1600, 80.0130,
-34.8910

■ 229.9160, -8.3910,
3.3930

■ 163.8310, 88.1290,
-38.8070

■ 233.9910,
-12.9760, 3.8880

■ 237.5130,
-14.6260, 0.7500

■ 241.0350,
-16.2760, -2.3880

■ 244.5570,
-17.9260, -5.5260

Harmonies

Analogous

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



202.0060, 52.5890, -0.4270



199.5380, 35.8110, -15.7490



195.6700, 8.7160, -25.8120

Triad

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



199.5380, 35.8110, -15.7490



180.8720, -85.3210, -23.1210



206.5910, 21.4060, 30.5740

Complementary

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



199.5380, 35.8110, -15.7490



157.4620, -35.8110, 15.7490

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.



203.9660, -10.6870, 22.9850



199.5380, 35.8110, -15.7490



186.9800, -76.3370, -9.7210

Square

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



199.5380, 35.8110, -15.7490



184.4600, -60.9740, -29.3420



196.0600, -43.7870, 6.1090



202.5850, 38.7380, 24.8340

Rectangle

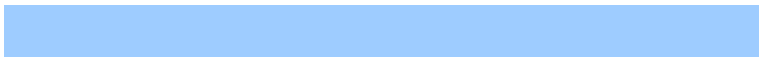
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



199.5380, 35.8110, -15.7490



192.3560, -13.8870, -29.1750



196.0600, -43.7870, 6.1090



206.7900, 10.5400, 29.2600

Sweetspot

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



199.5380, 35.8110, -15.7490



246.7700, 12.1510, -5.4570



162.9450, 46.5320, 26.7560



123.0130, 7.1530, -2.9830



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.



199.5380, 35.8110, -15.7490



221.3790, 49.2000, -21.6160



207.3470, 16.6950, -32.7530



108.9850, 4.3560, -1.8520



128.9340, 69.1460, -30.6780



35.4840, 18.7080, -8.6520

Inverse Universe

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



157.4620, -35.8110, 15.7490



163.6210, -49.2000, 21.6160



149.6530, -16.6950, 32.7530



104.0150, -4.3560, 1.8520



47.0660, -69.1460, 30.6780



13.1030, -18.9830, 8.1290

Previews

White Background



This preview shows how the YIQ color 199.5380, 35.8110, -15.7490 looks on a white background.

Color Contrast Check

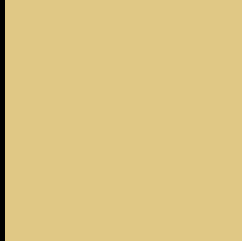
Large Text (above 18pt) WCAG AA × Fail

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 199.5380, 35.8110, -15.7490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

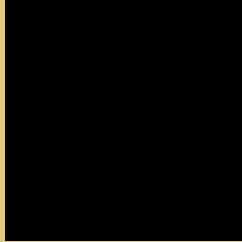
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 199.5380, 35.8110, -15.7490

Background



This preview shows how black text looks on a background with the YIQ color 199.5380, 35.8110, -15.7490.



This preview shows how white text looks on a background with the YIQ color 199.5380, 35.8110,

-15.7490.

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

199.5380, 35.8110, -15.7490

Protanopia

199.3310, 31.9600, -17.5440

Deuteranopia

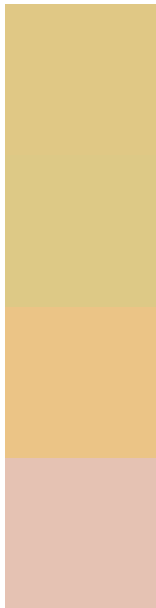
201.0390, 47.8220, -7.6500



Tritanopia

204.9690, 19.6210, 13.3570

Trichromacy



Original Color

199.5380, 35.8110, -15.7490

Protanomaly

199.3420, 33.4270, -16.5970

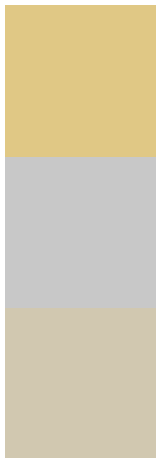
Deuteranomaly

200.5930, 43.1460, -11.0140

Tritanomaly

202.7550, 25.6750, 2.7550

Monochromacy



Original Color

199.5380, 35.8110, -15.7490

Achromatopsia

200.0000, -0.0000, -0.0000

Achromatomaly

199.9550, 13.0680, -5.5560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.5380, 35.8110, -15.7490 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(224, 200, 133)` looks like.

```
.text, #text, p{  
    color:rgb(224, 200, 133)  
}
```

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(224, 200, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 200, 133) }
```

Border

The CSS property to change the border of an element to YIQ 199.5380, 35.8110, -15.7490 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(224, 200, 133) }
```


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

```
.border{ border-color:rgb(224, 200, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 200, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 200, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 200, 133);  
box-shadow:4px 4px 4px 4px rgb(224, 200,  
133) }
```

Background

The CSS property to change the background color of an element to YIQ 199.5380, 35.8110, -15.7490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 200, 133) }
```

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

```
.background{ background-color: rgb(224,  
200, 133) }
```

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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