

Converting Colors

YIQ(175.5810, 34.2520,
-15.0280)

Have a look what the booklet for
YIQ(175.5810, 34.2520, -15.0280)
contains.

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Color

**YIQ(175.5810, 34.2520,
-15.0280)**

Conversions

Conversions Part 1

Format	Color
Hex	C7B070
RGB	199, 176, 112
RGB Percent	78%, 69%, 44%
CMY	0.2196, 0.3098, 0.5606
CMYK	0.00, 0.12, 0.44, 0.22
HSL	44°, 44%, 61%
HSV	44°, 44%, 78%
XYZ	42.0049, 44.3603, 21.6916
YIQ	175.5810, 34.2520, -15.0280

Conversions

Conversions Part 2

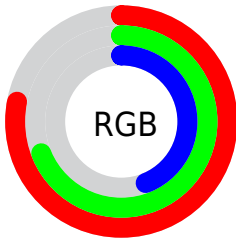
Format	Color
RYB	143, 199, 112
Decimal	13086832
CIELab	72.47, -0.48, 35.72
CIELCh	72, 35.727, 90.766
Yxy	44.3603, 0.3887, 0.4105
Android (android.graphics.Color)	4291276912 (0xFFC7B070)
YUV	175.5810, -31.3454, 20.5385
Hunter-Lab	66.6036, -3.9817, 27.3128

Details

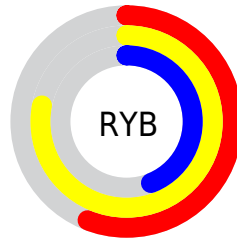
The YIQ color $175.5810, 34.2520, -15.0280$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $135.4190, -34.2520, 15.0280$, and the grayscale version is $176.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $230.6520, 35.4900, -15.4380$, and $122.7270, 30.9050, -14.9430$ is the 20% darker color. If you saturate the color by 10%, you get $170.3660, 42.0470, -18.6330$, and if you desaturate by 10%, it is $180.7960, 26.4570, -11.4230$.

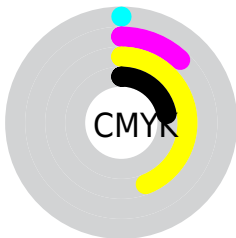
Distribution



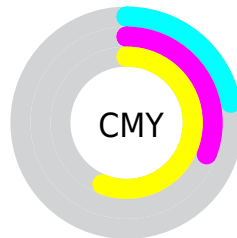
- Red (78%)
- Green (69%)
- Blue (44%)



- Red (56%)
- Yellow (78%)
- Blue (44%)



- Cyan (0%)
- Magenta (12%)
- Yellow (44%)
- Black (22%)



- Cyan (22%)
- Magenta (31%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 175.5810, 34.2520, -15.0280 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 175.5810, 34.2520, -15.0280 by changing the saturation by 10% instead.

■ 175.5810, 34.2520,
-15.0280

■ 175.5810, 34.2520,
-15.0280

255.0000, -0.0000,
-0.0000

■ 148.5100, 33.0140,
-14.6180

■ 230.6520, 35.4900,
-15.4380

■ 122.7270, 30.9050,
-14.9430

■ 247.8180, 20.2230,
-19.5930

■ 97.5420, 29.9880,
-14.8440

■ 251.0100, 11.2350,
-10.8850

■ 72.9440, 28.7960,
-15.2680

■ 254.3160, 1.9260,
-1.8660

■ 50.8450, 24.7610,
-13.7270

■ 31.0430, 15.6360,
-8.0440

■ 8.8710, 4.6770,

-2.1630

■ 0.0000, 0.0000,
0.0000

■ 175.5810, 34.2520,
-15.0280

■ 175.5810, 34.2520,
-15.0280

■ 170.3660, 42.0470,
-18.6330

■ 180.7960, 26.4570,
-11.4230

■ 164.5640, 50.1170,
-21.7150

■ 186.5980, 18.3870,
-8.3410

■ 159.3490, 57.9120,
-25.3200

■ 191.8130, 10.5920,
-4.7360

■ 154.1340, 65.7070,
-28.9250

■ 197.0280, 2.7970,
-1.1310

■ 149.0330, 73.1810,
-32.2190

■ 202.2430, -4.9980,
2.4740

■ 145.2030, 78.4540,
-34.1700

■ 207.9310,
-12.7470, 5.2450

■ 213.1460,
-20.5420, 8.8500

■ 216.5370,
-23.2010, 7.4790

■ 219.4720,
-24.5760, 4.8640

Harmonies

Analogous

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



178.3370, 50.1590, -0.4410



175.5810, 34.2520, -15.0280



172.3110, 8.3490, -24.6670

Triad

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



175.5810, 34.2520, -15.0280



155.7470, -86.4670, -24.3790



182.4660, 20.2600, 29.3160

Complementary

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



175.5810, 34.2520, -15.0280



135.4190, -34.2520, 15.0280

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.



180.5960, -12.5210, 23.1830



175.5810, 34.2520, -15.0280



162.7240, -78.4920, -9.2120

Square

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



175.5810, 34.2520, -15.0280



160.3570, -59.1860, -28.7060



174.0150, -47.9140, 9.3180



181.5640, 43.2310, 26.0070

Rectangle

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



175.5810, 34.2520, -15.0280



169.0680, -13.0160, -28.4400



174.0150, -47.9140, 9.3180



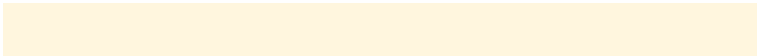
181.9640, 9.9900, 28.2140

Sweetspot

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



175.5810, 34.2520, -15.0280



245.9550, 13.0680, -5.5560



140.6350, 44.4690, 25.5970



122.0840, 8.3910, -3.3930



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.



175.5810, 34.2520, -15.0280



219.2930, 52.3180, -23.0580



183.1020, 16.0070, -31.2970



96.8000, 3.4390, -1.7530



119.1770, 64.1480, -28.2040



26.0260, 14.3060, -5.9660

Inverse Universe

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



135.4190, -34.2520, 15.0280



157.7070, -52.3180, 23.0580



127.8980, -16.0070, 31.2970



92.2000, -3.4390, 1.7530



43.8230, -64.1480, 28.2040



9.3870, -14.0310, 6.4890

Previews

White Background



This preview shows how the YIQ color 175.5810, 34.2520, -15.0280 looks on a white background.

Color Contrast Check

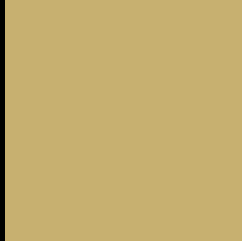
Large Text (above 18pt) WCAG AA × Fail

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 175.5810, 34.2520, -15.0280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

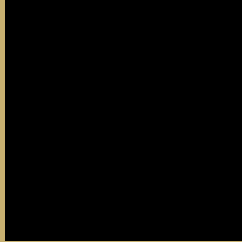
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 175.5810, 34.2520, -15.0280

Background



This preview shows how black text looks on a background with the YIQ color 175.5810, 34.2520, -15.0280.



This preview shows how white text looks on a background with the YIQ color 175.5810, 34.2520,

-15.0280.

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

175.5810, 34.2520, -15.0280

Protanopia

175.3740, 30.4010, -16.8230

Deuteranopia

176.6580, 44.5210, -8.3990



Tritanopia

180.8440, 18.4750, 12.0990

Trichromacy



Original Color

175.5810, 34.2520, -15.0280

Protanomaly

175.3850, 31.8680, -15.8760

Deuteranomaly

176.3370, 40.9910, -10.5050

Tritanomaly

178.8580, 23.8870, 2.1190

Monochromacy



Original Color

175.5810, 34.2520, -15.0280

Achromatopsia

176.0000, -0.0000, -0.0000

Achromatomaly

175.7700, 12.1510, -5.4570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 175.5810, 34.2520, -15.0280 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(199, 176, 112)` looks like.

```
.text, #text, p{  
    color:rgb(199, 176, 112)  
}
```

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(199, 176, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 176, 112) }
```

Border

The CSS property to change the border of an element to YIQ 175.5810, 34.2520, -15.0280 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(199, 176, 112) }
```


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

```
.border{ border-color:rgb(199, 176, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 176, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 176, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 176, 112);  
box-shadow:4px 4px 4px 4px rgb(199, 176,  
112) }
```

Background

The CSS property to change the background color of an element to YIQ 175.5810, 34.2520, -15.0280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 176, 112) }
```

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

```
.background{ background-color: rgb(199,  
176, 112) }
```

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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