

Converting Colors

YIQ(179.2390, 35.2150,
-15.9610)

Have a look what the booklet for
YIQ(179.2390, 35.2150, -15.9610)
contains.

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Color

**YIQ(179.2390, 35.2150,
-15.9610)**

Conversions

Conversions Part 1

Format	Color
Hex	CBB471
RGB	203, 180, 113
RGB Percent	80%, 71%, 44%
CMY	0.2039, 0.2941, 0.5567
CMYK	0.00, 0.11, 0.44, 0.20
HSL	45°, 46%, 62%
HSV	45°, 44%, 80%
XYZ	43.9322, 46.5289, 22.3027
YIQ	179.2390, 35.2150, -15.9610

Conversions

Conversions Part 2

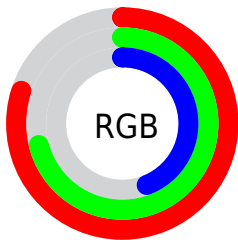
Format	Color
RYB	144, 203, 113
Decimal	13350001
CIELab	73.89, -0.85, 37.08
CIELCh	74, 37.093, 91.321
Yxy	46.5289, 0.3896, 0.4126
Android (android.graphics.Color)	4291540081 (0xFFCBB471)
YUV	179.2390, -32.6558, 20.8384
Hunter-Lab	68.2121, -4.4077, 28.3629

Details

The YIQ color **179.2390, 35.2150, -15.9610** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **136.7610, -35.2150, 15.9610**, and the grayscale version is **180.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **233.7010, 33.7940, -17.7420**, and **125.6840, 32.4640, -15.6640** is the 20% darker color. If you saturate the color by 10%, you get **174.0240, 43.0100, -19.5660**, and if you desaturate by 10%, it is **184.4540, 27.4200, -12.3560**.

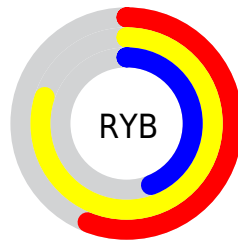
Distribution



Red (80%)

Green (71%)

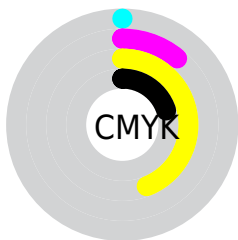
Blue (44%)



Red (56%)

Yellow (80%)

Blue (44%)

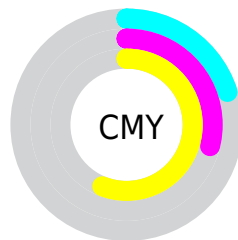


Cyan (0%)

Magenta (11%)

Yellow (44%)

Black (20%)



Cyan (20%)

Magenta (29%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 179.2390, 35.2150, -15.9610 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 179.2390, 35.2150, -15.9610 by changing the saturation by 10% instead.

■ 179.2390, 35.2150,
-15.9610

■ 179.2390, 35.2150,
-15.9610

255.0000, -0.0000,
-0.0000

■ 152.1680, 33.9770,
-15.5510

■ 233.7010, 33.7940,
-17.7420

■ 125.6840, 32.4640,
-15.6640

■ 247.9320, 19.9020,
-19.2820

■ 100.9010, 30.3550,
-15.9890

■ 251.1240, 10.9140,
-10.5740

■ 76.1890, 29.4840,
-16.7240

■ 254.4300, 1.6050,
-1.5550

■ 53.5030, 25.7240,
-14.6600

■ 33.7010, 16.5990,
-8.9770

■ 13.6000, 6.8780,

-3.5060

■ 0.0000, 0.0000,
0.0000

■ 179.2390, 35.2150,
-15.9610

■ 179.2390, 35.2150,
-15.9610

■ 174.0240, 43.0100,
-19.5660

■ 184.4540, 27.4200,
-12.3560

■ 168.6950, 51.1260,
-23.4820

■ 189.7830, 19.3040,
-8.4400

■ 162.8930, 59.1960,
-26.5640

■ 195.5850, 11.2340,
-5.3580

■ 157.6780, 66.9910,
-30.1690

■ 200.8000, 3.4390,
-1.7530

■ 152.4630, 74.7860,
-33.7740

■ 206.1290, -4.6770,
2.1630

■ 149.3340, 79.4630,
-35.9370

■ 211.3440,
-12.4720, 5.7680

■ 216.5590,
-20.2670, 9.3730

■ 220.0810,
-21.9170, 6.2350

■ 223.0160,
-23.2920, 3.6200

Harmonies

Analogous

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



181.7070, 51.9930, -0.6390



179.2390, 35.2150, -15.9610



175.3710, 8.1200, -26.0240

Triad

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



179.2390, 35.2150, -15.9610



157.2840, -92.4730, -25.6650



186.5910, 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.



179.2390, 35.2150, -15.9610



136.7610, -35.2150, 15.9610

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.



184.5360, -12.2920, 24.5400



179.2390, 35.2150, -15.9610



165.4570, -82.1140, -9.6500

Square

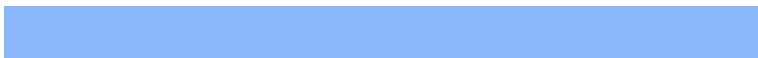
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



179.2390, 35.2150, -15.9610



163.2640, -63.3580, -30.1900



177.0580, -49.4730, 10.0390



185.1730, 45.8900, 27.3780

Rectangle

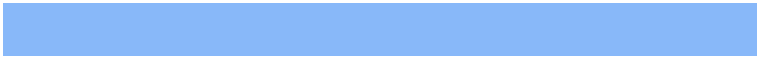
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



179.2390, 35.2150, -15.9610



172.3560, -13.8870, -29.1750



177.0580, -49.4730, 10.0390



186.2030, 10.8150, 29.7830

Sweetspot

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



179.2390, 35.2150, -15.9610



246.5420, 12.7930, -6.0790



142.6460, 45.9360, 26.5440



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.



179.2390, 35.2150, -15.9610



219.0650, 52.9600, -23.6800



186.4610, 16.3740, -32.4420



99.0990, 4.0350, -1.5410



121.8350, 65.1110, -29.1370



27.7980, 14.9480, -6.5880

Inverse Universe

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



136.7610, -35.2150, 15.9610



155.3480, -52.6850, 24.2030



129.5390, -16.3740, 32.4420



94.3140, -3.7600, 2.0640



43.5780, -64.8360, 29.6600



10.2020, -14.9480, 6.5880

Previews

White Background



This preview shows how the YIQ color 179.2390, 35.2150, -15.9610 looks on a white background.

Color Contrast Check

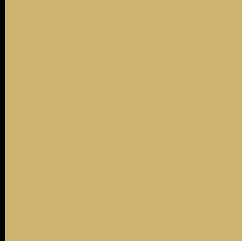
Large Text (above 18pt) WCAG AA × Fail

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 179.2390, 35.2150, -15.9610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

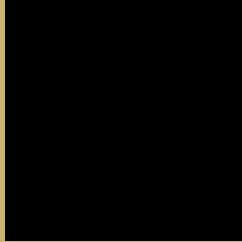
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 179.2390, 35.2150, -15.9610

Background



This preview shows how black text looks on a background with the YIQ color 179.2390, 35.2150, -15.9610.



This preview shows how white text looks on a background with the YIQ color 179.2390, 35.2150, -15.9610.

-15.9610.

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

179.2390, 35.2150, -15.9610

Protanopia

179.0320, 31.3640, -17.7560

Deuteranopia

180.6150, 46.0800, -9.1200



Tritanopia

184.2570, 18.7500, 12.6220

Trichromacy



Original Color

179.2390, 35.2150, -15.9610

Protanomaly

179.0430, 32.8310, -16.8090

Deuteranomaly

179.9950, 41.9540, -11.4380

Tritanomaly

182.1570, 24.4830, 2.3310

Monochromacy



Original Color

179.2390, 35.2150, -15.9610

Achromatopsia

179.0000, -0.0000, -0.0000

Achromatomaly

178.9550, 13.0680, -5.5560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 179.2390, 35.2150, -15.9610 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(203, 180, 113)` looks like.

```
.text, #text, p{  
    color:rgb(203, 180, 113)  
}
```

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(203, 180, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 180, 113) }
```

Border

The CSS property to change the border of an element to YIQ 179.2390, 35.2150, -15.9610 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(203, 180, 113) }
```


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

```
.border{ border-color:rgb(203, 180, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 180, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 180, 113); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 180, 113); box-shadow:4px 4px 4px 4px rgb(203, 180, 113) }
```

Background

The CSS property to change the background color of an element to YIQ 179.2390, 35.2150, -15.9610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 180, 113) }
```

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

```
.background{ background-color: rgb(203,  
180, 113) }
```

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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