

Converting Colors

YIQ(216.1790, 9.0810, -15.9030)

Have a look what the booklet for
YIQ(216.1790, 9.0810, -15.9030)
contains.

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Color

**YIQ(216.1790, 9.0810,
-15.9030)**

Conversions

Conversions Part 1

Format	Color
Hex	D7E0B3
RGB	215, 224, 179
RGB Percent	84%, 88%, 70%
CMY	0.1569, 0.1215, 0.2980
CMYK	0.04, 0.00, 0.20, 0.12
HSL	72°, 42%, 79%
HSV	72°, 20%, 88%
XYZ	62.8158, 71.0138, 53.0537
YIQ	216.1790, 9.0810, -15.9030

Conversions

Conversions Part 2

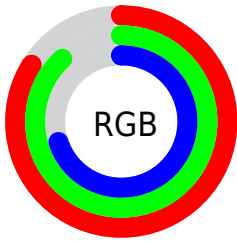
Format	Color
RYB	179, 224, 188
Decimal	14147763
CIELab	87.49, -10.56, 21.05
CIELCh	87, 23.554, 116.636
Yxy	71.0138, 0.3361, 0.3800
Android (android.graphics.Color)	4292337843 (0xFFD7E0B3)
YUV	216.1790, -18.3292, -1.0340
Hunter-Lab	84.2697, -14.4157, 21.6616

Details

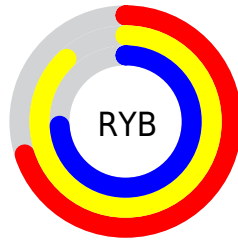
The YIQ color $216.1790, 9.0810, -15.9030$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $186.8210, -9.0810, 15.9030$, and the grayscale version is $216.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $252.7200, 6.4200, -6.2200$, and $161.4070, 8.4390, -15.2810$ is the 20% darker color. If you saturate the color by 10%, you get $212.1760, 13.1630, -23.8050$, and if you desaturate by 10%, it is $219.8830, 4.4030, -8.2130$.

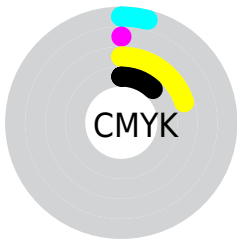
Distribution



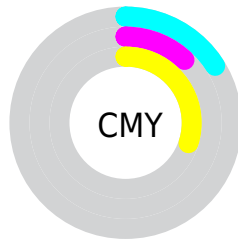
- Red (84%)
- Green (88%)
- Blue (70%)



- Red (70%)
- Yellow (88%)
- Blue (74%)



- Cyan (4%)
- Magenta (0%)
- Yellow (20%)
- Black (12%)



- Cyan (16%)
- Magenta (12%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 216.1790, 9.0810, -15.9030 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 216.1790, 9.0810, -15.9030 by changing the saturation by 10% instead.

■ 216.1790, 9.0810,
-15.9030

■ 216.1790, 9.0810,
-15.9030

255.0000, -0.0000,
-0.0000

■ 188.2930, 8.7600,
-15.5920

■ 252.7200, 6.4200,
-6.2200

■ 161.4070, 8.4390,
-15.2810

■ 134.9340, 8.3930,
-14.4470

■ 109.7490, 7.4760,
-14.3480

■ 84.9770, 6.8340,
-13.7260

■ 62.0910, 6.5130,
-13.4150

■ 39.0910, 6.5130,

-13.4150

■ 19.4480, 1.1940,
-10.6300

■ 0.0000, 0.0000,
0.0000

■ 216.1790, 9.0810,
-15.9030

■ 216.1790, 9.0810,
-15.9030

■ 212.1760, 13.1630,
-23.8050

■ 219.8830, 4.4030,
-8.2130

■ 208.3580, 18.1620,
-31.8060

■ 224.0000, -0.0000,
0.0000

■ 204.6540, 22.8400,
-39.4960

■ 227.7040, -4.6780,
7.6900

■ 200.5370, 27.2430,
-47.7090

■ 230.2250, -4.5870,
11.5490

■ 196.8330, 31.9210,
-55.3990

■ 231.4210, -2.2030,
12.3970

■ 192.8300, 36.0030,
-63.3010

■ 232.9160, 0.7770,
13.4570

■ 189.0120, 41.0020,
-71.3020

■ 234.1120, 3.1610,
14.3050

■ 185.0090, 45.0840,
-79.2040

■ 235.6070, 6.1410,
15.3650

■ 236.8030, 8.5250,
16.2130

Harmonies

Analogous

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



218.7900, 26.5940, -8.3980



216.1790, 9.0810, -15.9030



213.0500, -12.6050, -19.3650

Triad

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



216.1790, 9.0810, -15.9030



212.5400, -45.6190, -4.7470



221.4150, 24.2970, 16.7210

Complementary

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



216.1790, 9.0810, -15.9030



186.8210, -9.0810, 15.9030

Split Complementary

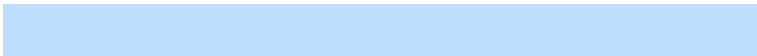
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



222.8790, 11.3670, 19.7750



216.1790, 9.0810, -15.9030



216.1940, -29.6650, 3.4790

Square

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



216.1790, 9.0810, -15.9030



210.5580, -46.0300, -13.8220



220.4680, -9.5850, 14.0230



219.3800, 31.4050, 9.0450

Rectangle

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



216.1790, 9.0810, -15.9030



211.9220, -26.8640, -19.7600



220.4680, -9.5850, 14.0230



222.8000, 21.7750, 18.3750

Sweetspot

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



216.1790, 9.0810, -15.9030



252.3930, 3.0270, -5.3010



197.7380, 24.3450, 4.8330



126.3760, 1.6970, -3.2230



0.0000, 0.0000, 0.0000



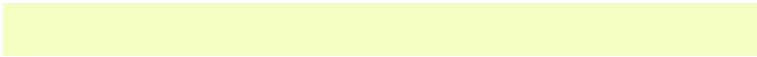
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



216.1790, 9.0810, -15.9030



244.4580, 12.4290, -21.5150



209.6010, -4.0310, -20.5670



110.1480, 2.3390, -3.8450



145.4710, 35.6360, -62.1560



39.8370, 10.0440, -16.8360

Inverse Universe

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



186.8210, -9.0810, 15.9030



204.5420, -12.4290, 21.5150



193.6980, 4.6270, 20.7790



102.8520, -2.3390, 3.8450



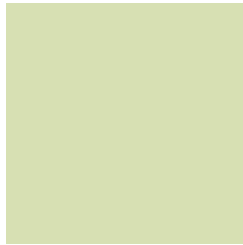
30.5290, -35.6360, 62.1560



8.4620, -9.4480, 17.0480

Previews

White Background



This preview shows how the YIQ color 216.1790, 9.0810, -15.9030 looks on a white background.

Color Contrast Check

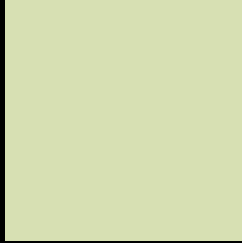
Large Text (above 18pt) WCAG AA × Fail

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 216.1790, 9.0810, -15.9030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

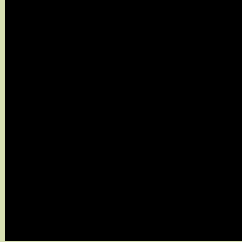
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

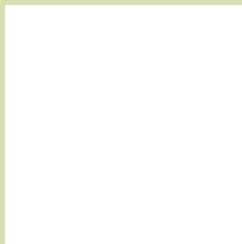
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 216.1790, 9.0810, -15.9030

Background



This preview shows how black text looks on a background with the YIQ color 216.1790, 9.0810, -15.9030.



This preview shows how white text looks on a background with the YIQ color 216.1790, 9.0810, -15.9030.

-15.9030.

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

216.1790, 9.0810, -15.9030

Protanopia

217.9850, 21.5510, -10.6170

Deuteranopia

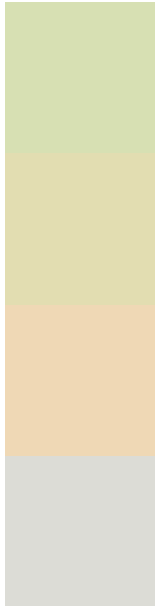
220.2520, 34.3410, -0.1150



Tritanopia

220.7320, -1.8810, 6.5590

Trichromacy



Original Color

216.1790, 9.0810, -15.9030

Protanomaly

217.4790, 17.1040, -12.6240

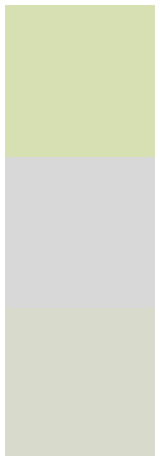
Deuteranomaly

218.8870, 24.9430, -6.0090

Tritanomaly

219.3160, 1.9260, -1.8660

Monochromacy



Original Color

216.1790, 9.0810, -15.9030

Achromatopsia

216.0000, -0.0000, 0.0000

Achromatomaly

216.2790, 3.3480, -5.6120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 216.1790, 9.0810, -15.9030 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(215, 224, 179)` looks like.

```
.text, #text, p{  
    color:rgb(215, 224, 179)  
}
```

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(215, 224, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 224, 179) }
```

Border

The CSS property to change the border of an element to YIQ 216.1790, 9.0810, -15.9030 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(215, 224, 179) }
```


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

```
.border{ border-color:rgb(215, 224, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 224, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 224, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 224, 179);  
box-shadow:4px 4px 4px 4px rgb(215, 224,  
179) }
```

Background

The CSS property to change the background color of an element to YIQ 216.1790, 9.0810, -15.9030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 224, 179) }
```

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

```
.background{ background-color: rgb(215,  
224, 179) }
```

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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