

Converting Colors

YIQ(218.9190, 12.7490,
-16.2990)

Have a look what the booklet for
YIQ(218.9190, 12.7490, -16.2990)
contains.

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Color

**YIQ(218.9190, 12.7490,
-16.2990)**

Conversions

Conversions Part 1

Format	Color
Hex	DDE2B1
RGB	221, 226, 177
RGB Percent	87%, 89%, 69%
CMY	0.1334, 0.1137, 0.3058
CMYK	0.02, 0.00, 0.22, 0.11
HSL	66°, 46%, 79%
HSV	66°, 22%, 89%
XYZ	64.9505, 72.9395, 52.2622
YIQ	218.9190, 12.7490, -16.2990

Conversions

Conversions Part 2

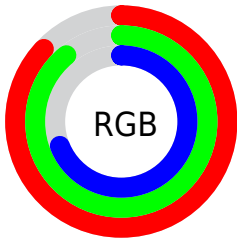
Format	Color
RYB	177, 226, 182
Decimal	14541489
CIELab	88.42, -9.68, 23.44
CIELCh	88, 25.358, 112.434
Yxy	72.9395, 0.3416, 0.3836
Android (android.graphics.Color)	4292731569 (0xFFDDE2B1)
YUV	218.9190, -20.6661, 1.8250
Hunter-Lab	85.4046, -13.7083, 23.5015

Details

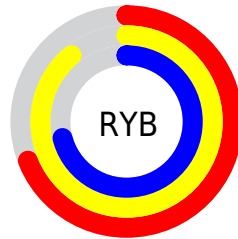
The YIQ color **218.9190, 12.7490, -16.2990** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **184.0810, -12.7490, 16.2990**, and the grayscale version is **219.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **252.4920, 7.0620, -6.8420**, and **164.1470, 12.1070, -15.6770** is the 20% darker color. If you saturate the color by 10%, you get **215.6990, 18.9400, -23.8760**, and if you desaturate by 10%, it is **222.1390, 6.5580, -8.7220**.

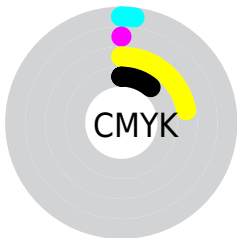
Distribution



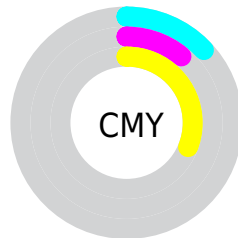
- Red (87%)
- Green (89%)
- Blue (69%)



- Red (69%)
- Yellow (89%)
- Blue (71%)



- Cyan (2%)
- Magenta (0%)
- Yellow (22%)
- Black (11%)



- Cyan (13%)
- Magenta (11%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 218.9190, 12.7490, -16.2990 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 218.9190, 12.7490, -16.2990 by changing the saturation by 10% instead.

■ 218.9190, 12.7490,
-16.2990

■ 218.9190, 12.7490,
-16.2990

255.0000, -0.0000,
-0.0000

■ 191.0330, 12.4280,
-15.9880

■ 252.4920, 7.0620,
-6.8420

■ 164.1470, 12.1070,
-15.6770

■ 137.3750, 11.4650,
-15.0550

■ 112.1900, 10.5480,
-14.9560

■ 87.4180, 9.9060,
-14.3340

■ 63.6460, 9.2640,
-13.7120

■ 41.4180, 9.9060,

-14.3340

■ 21.5300, 3.8990,
-10.0930

■ 0.0000, 0.0000,
0.0000

■ 218.9190, 12.7490,
-16.2990

■ 218.9190, 12.7490,
-16.2990

■ 215.6990, 18.9400,
-23.8760

■ 222.1390, 6.5580,
-8.7220

■ 212.2940, 24.2140,
-31.3540

■ 225.5440, 1.2840,
-1.2440

■ 209.0740, 30.4050,
-38.9310

■ 228.7640, -4.9070,
6.3330

■ 205.9680, 36.2750,
-46.1970

■ 230.5020, -6.9250,
9.8670

■ 202.4490, 41.8700,
-53.9860

■ 231.3990, -5.1370,
10.5030

■ 199.2290, 48.0610,
-61.5630

■ 231.9970, -3.9450,
10.9270

■ 196.1230, 53.9310,
-68.8290

■ 232.5950, -2.7530,
11.3510

■ 193.3590, 58.8380,
-75.1620

■ 233.4920, -0.9650,
11.9870

■ 234.0900, 0.2270,
12.4110

Harmonies

Analogous

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



221.3560, 30.8120, -7.7480



218.9190, 12.7490, -16.2990



215.7790, -10.4040, -20.7080

Triad

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



218.9190, 12.7490, -16.2990



213.3930, -49.6990, -7.8990



222.6860, 22.0960, 18.0640

Complementary

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



218.9190, 12.7490, -16.2990



184.0810, -12.7490, 16.2990

Split Complementary

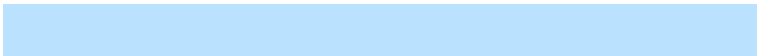
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



225.8510, 8.5700, 20.9060



218.9190, 12.7490, -16.2990



217.3460, -33.1490, 0.5390

Square

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



218.9190, 12.7490, -16.2990



211.5360, -48.9640, -15.7160



222.2180, -11.8770, 11.5070



220.5370, 29.5250, 10.0770

Rectangle

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



218.9190, 12.7490, -16.2990



214.1670, -26.1760, -21.2160



222.2180, -11.8770, 11.5070



224.1850, 19.2530, 20.0290

Sweetspot

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



218.9190, 12.7490, -16.2990



252.3500, 4.5860, -6.0220



194.5860, 27.8290, 7.7730



126.1480, 2.3390, -3.8450



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.



218.9190, 12.7490, -16.2990



245.3830, 17.0140, -22.0100



211.7430, -1.5550, -21.3870



110.4470, 2.9350, -3.6330



150.5540, 45.7680, -58.5520



41.0330, 12.4280, -15.9880

Inverse Universe

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



184.0810, -12.7490, 16.2990



198.3180, -17.6100, 21.7980



191.2570, 1.5550, 21.3870



102.5530, -2.9350, 3.6330



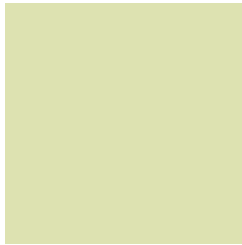
25.4460, -45.7680, 58.5520



6.9670, -12.4280, 15.9880

Previews

White Background



This preview shows how the YIQ color 218.9190, 12.7490, -16.2990 looks on a white background.

Color Contrast Check

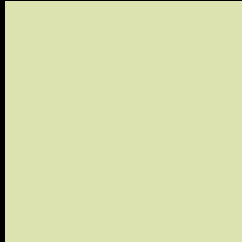
Large Text (above 18pt) WCAG AA × Fail

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 218.9190, 12.7490, -16.2990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

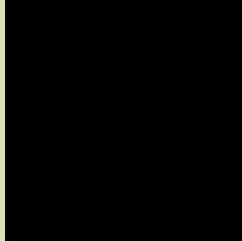
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

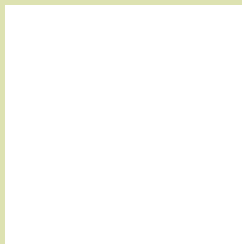
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 218.9190, 12.7490, -16.2990

Background



This preview shows how black text looks on a background with the YIQ color 218.9190, 12.7490, -16.2990.



This preview shows how white text looks on a background with the YIQ color 218.9190, 12.7490, -16.2990.

-16.2990.

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

218.9190, 12.7490, -16.2990

Protanopia

220.2410, 23.7060, -11.1260

Deuteranopia

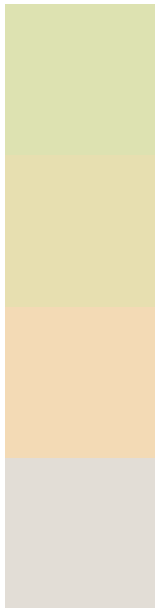
222.7250, 34.3870, -0.9490



Tritanopia

223.2270, 1.0990, 7.6190

Trichromacy



Original Color

218.9190, 12.7490, -16.2990

Protanomaly

220.0340, 19.8550, -12.9210

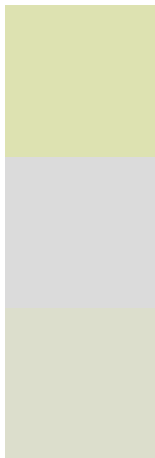
Deuteranomaly

221.2570, 26.7770, -6.2070

Tritanomaly

221.6970, 5.2270, -1.1170

Monochromacy



Original Color

218.9190, 12.7490, -16.2990

Achromatopsia

219.0000, 0.0000, -0.0000

Achromatomaly

219.3500, 4.5860, -6.0220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 218.9190, 12.7490, -16.2990 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(221, 226, 177)` looks like.

```
.text, #text, p{  
    color:rgb(221, 226, 177)  
}
```

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(221, 226, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 226, 177) }
```

Border

The CSS property to change the border of an element to YIQ 218.9190, 12.7490, -16.2990 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(221, 226, 177) }
```


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

```
.border{ border-color:rgb(221, 226, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 226, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 226, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 226, 177); box-shadow:4px 4px 4px 4px rgb(221, 226, 177) }
```

Background

The CSS property to change the background color of an element to YIQ 218.9190, 12.7490, -16.2990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 226, 177) }
```

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

```
.background{ background-color: rgb(221,  
226, 177) }
```

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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