

Converting Colors

YIQ(211.4790, 17.1040,
-12.6240)

Have a look what the booklet for
YIQ(211.4790, 17.1040, -12.6240)
contains.

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Color

**YIQ(211.4790, 17.1040,
-12.6240)**

Conversions

Conversions Part 1

Format	Color
Hex	DCD7AB
RGB	220, 215, 171
RGB Percent	86%, 84%, 67%
CMY	0.1373, 0.1568, 0.3293
CMYK	0.00, 0.02, 0.22, 0.14
HSL	54°, 41%, 77%
HSV	54°, 22%, 86%
XYZ	61.1670, 66.7560, 48.2024
YIQ	211.4790, 17.1040, -12.6240

Conversions

Conversions Part 2

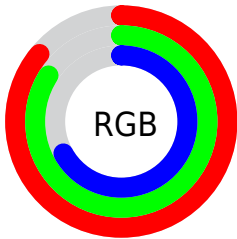
Format	Color
RYB	177, 220, 171
Decimal	14473131
CIELab	85.38, -5.30, 22.37
CIELCh	85, 22.986, 103.342
Yxy	66.7560, 0.3473, 0.3790
Android (android.graphics.Color)	4292663211 (0xFFDCD7AB)
YUV	211.4790, -19.9561, 7.4729
Hunter-Lab	81.7044, -9.3507, 22.2142

Details

The YIQ color **211.4790, 17.1040, -12.6240** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **179.5210, -17.1040, 12.6240**, and the grayscale version is **212.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **251.6940, 9.3090, -9.0190**, and **156.8210, 16.1410, -11.6910** is the 20% darker color. If you saturate the color by 10%, you get **207.7970, 24.7160, -18.4200**, and if you desaturate by 10%, it is **215.1610, 9.4920, -6.8280**.

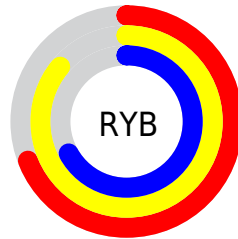
Distribution



Red (86%)

Green (84%)

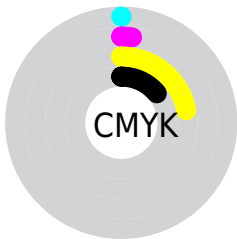
Blue (67%)



Red (69%)

Yellow (86%)

Blue (67%)

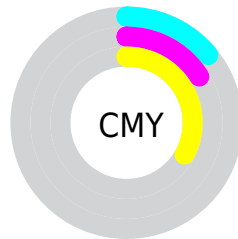


Cyan (0%)

Magenta (2%)

Yellow (22%)

Black (14%)



Cyan (14%)

Magenta (16%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 211.4790, 17.1040, -12.6240 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 211.4790, 17.1040, -12.6240 by changing the saturation by 10% instead.

■ 211.4790, 17.1040,
-12.6240

■ 211.4790, 17.1040,
-12.6240

255.0000, -0.0000,
-0.0000

■ 183.5930, 16.7830,
-12.3130

■ 251.8080, 8.9880,
-8.7080

■ 156.8210, 16.1410,
-11.6910

■ 130.6360, 15.2240,
-11.5920

■ 105.4510, 14.3070,
-11.4930

■ 81.2660, 13.3900,
-11.3940

■ 58.0810, 12.4730,
-11.2950

■ 35.7390, 13.4360,

-12.2280

■ 16.5240, 4.0360,
-7.0680

■ 0.0000, 0.0000,
0.0000

■ 211.4790, 17.1040,
-12.6240

■ 211.4790, 17.1040,
-12.6240

■ 207.7970, 24.7160,
-18.4200

■ 215.1610, 9.4920,
-6.8280

■ 204.1150, 32.3280,
-24.2160

■ 218.8430, 1.8800,
-1.0320

■ 199.8460, 40.2150,
-29.4890

■ 223.1120, -6.0070,
4.2410

■ 196.1640, 47.8270,
-35.2850

■ 226.3380,
-12.3350, 8.7930

■ 192.4820, 55.4390,
-41.0810

■ 227.5120,
-12.8850, 7.7470

■ 188.8000, 63.0510,
-46.8770

■ 228.6860,
-13.4350, 6.7010

■ 184.5310, 70.9380,
-52.1500

■ 230.4470,
-14.2600, 5.1320

■ 182.0060, 76.6700,
-56.9140

■ 231.6210,
-14.8100, 4.0860

■ 232.7950,
-15.3600, 3.0400

Harmonies

Analogous

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



213.7630, 31.2240, -4.2000



211.4790, 17.1040, -12.6240



208.6660, -2.6560, -17.9520

Triad

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



211.4790, 17.1040, -12.6240



205.7200, -46.3060, -8.8180



217.3270, 21.7290, 19.2090

Complementary

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



211.4790, 17.1040, -12.6240



179.5210, -17.1040, 12.6240

Split Complementary

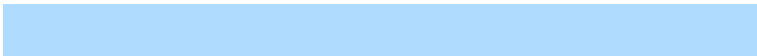
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



216.7360, 1.4640, 17.5280



211.4790, 17.1040, -12.6240



209.5350, -38.0550, 1.3450

Square

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



211.4790, 17.1040, -12.6240



204.7280, -40.7570, -15.7730



213.6130, -20.3590, 11.0410



215.7270, 32.0460, 13.9500

Rectangle

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



211.4790, 17.1040, -12.6240



207.0110, -16.8690, -19.1810



213.6130, -20.3590, 11.0410



217.5050, 15.3560, 19.0680

Sweetspot

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



211.4790, 17.1040, -12.6240



251.7740, 6.3280, -4.5520



186.3350, 27.2780, 12.2540



125.5720, 4.0810, -2.3750



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.



211.4790, 17.1040, -12.6240



243.0250, 24.0740, -17.7980



208.7330, 4.4050, -19.2670



108.1590, 3.8060, -2.8980



143.2990, 60.2080, -44.9120



37.8210, 16.1410, -11.6910

Inverse Universe

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



179.5210, -17.1040, 12.6240



197.9750, -24.0740, 17.7980



182.2670, -4.4050, 19.2670



100.8410, -3.8060, 2.8980



30.2880, -60.4830, 44.3890



8.1790, -16.1410, 11.6910

Previews

White Background



This preview shows how the YIQ color 211.4790, 17.1040, -12.6240 looks on a white background.

Color Contrast Check

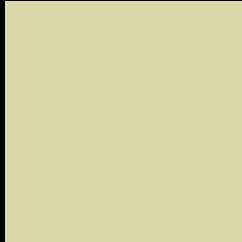
Large Text (above 18pt) WCAG AA × Fail

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 211.4790, 17.1040, -12.6240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

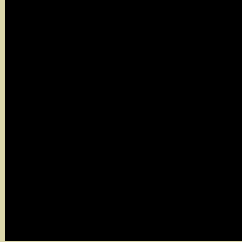
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

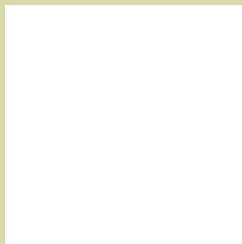
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 211.4790, 17.1040, -12.6240

Background



This preview shows how black text looks on a background with the YIQ color 211.4790, 17.1040, -12.6240.



This preview shows how white text looks on a background with the YIQ color 211.4790, 17.1040, -12.6240.

-12.6240.

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

211.4790, 17.1040, -12.6240

Protanopia

212.2840, 22.1470, -10.4050

Deuteranopia

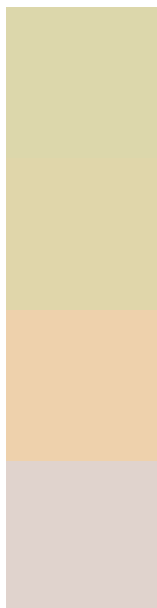
214.2090, 35.9000, -0.8360



Tritanopia

215.5050, 6.1880, 9.0040

Trichromacy



Original Color

211.4790, 17.1040, -12.6240

Protanomaly

211.9740, 20.0840, -11.5640

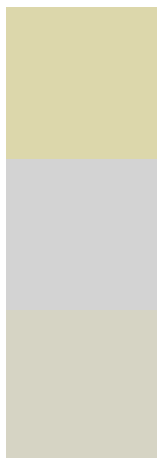
Deuteranomaly

213.4530, 29.1610, -5.3590

Tritanomaly

214.2030, 9.6740, 0.8900

Monochromacy



Original Color

211.4790, 17.1040, -12.6240

Achromatopsia

211.0000, 0.0000, -0.0000

Achromatomaly

210.7740, 6.3280, -4.5520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 211.4790, 17.1040, -12.6240 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(220, 215, 171)` looks like.

```
.text, #text, p{  
    color:rgb(220, 215, 171)  
}
```

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(220, 215, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 215, 171) }
```

Border

The CSS property to change the border of an element to YIQ 211.4790, 17.1040, -12.6240 is called "border". The border property can be set on classes, ids or directly on the HTML element.

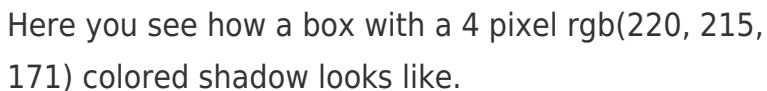
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(220, 215, 171) }
```


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

```
.border{ border-color:rgb(220, 215, 171) }
```

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



Here you see how a box with a 4 pixel `rgb(220, 215, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 215, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 215, 171); box-shadow:4px 4px 4px 4px rgb(220, 215, 171) }
```

Background

The CSS property to change the background color of an element to YIQ 211.4790, 17.1040, -12.6240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 215, 171) }
```

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

```
.background{ background-color: rgb(220,  
215, 171) }
```

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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