

Converting Colors

YIQ(211.7700, 12.1510, -5.4570)

Have a look what the booklet for
YIQ(211.7700, 12.1510, -5.4570)
contains.

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Color

**YIQ(211.7700, 12.1510,
-5.4570)**

Conversions

Conversions Part 1

Format	Color
Hex	DCD4BD
RGB	220, 212, 189
RGB Percent	86%, 83%, 74%
CMY	0.1372, 0.1686, 0.2588
CMYK	0.00, 0.04, 0.14, 0.14
HSL	44°, 31%, 80%
HSV	45°, 14%, 86%
XYZ	62.2453, 65.9759, 57.6076
YIQ	211.7700, 12.1510, -5.4570

Conversions

Conversions Part 2

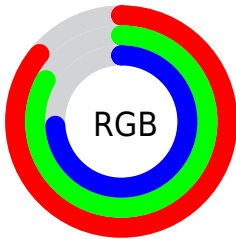
Format	Color
R_{YB}	200, 220, 189
Decimal	14472381
CIE Lab	84.98, -1.07, 12.35
CIE LCh	85, 12.398, 94.967
Yxy	65.9759, 0.3350, 0.3550
Android (android.graphics.Color)	4292662461 (0xFFD4CD4BD)
YUV	211.7700, -11.2256, 7.2177
Hunter-Lab	81.2256, -5.3554, 14.8076

Details

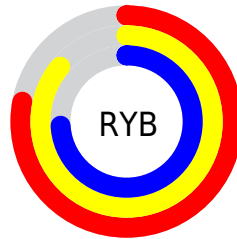
The YIQ color $211.7700, 12.1510, -5.4570$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $197.2300, -12.1510, 5.4570$, and the grayscale version is $212.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $253.8600, 3.2100, -3.1100$, and $156.9980, 11.5090, -4.8350$ is the 20% darker color. If you saturate the color by 10%, you get $205.7400, 20.8630, -9.1610$, and if you desaturate by 10%, it is $217.8000, 3.4390, -1.7530$.

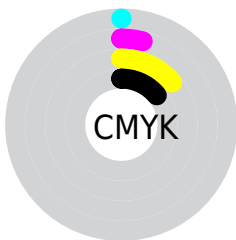
Distribution



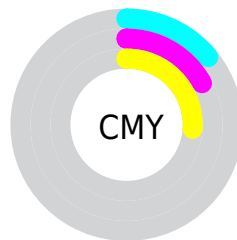
- Red (86%)
- Green (83%)
- Blue (74%)



- Red (78%)
- Yellow (86%)
- Blue (74%)



- Cyan (0%)
- Magenta (4%)
- Yellow (14%)
- Black (14%)



- Cyan (14%)
- Magenta (17%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 211.7700, 12.1510, -5.4570 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 211.7700, 12.1510, -5.4570 by changing the saturation by 10% instead.

■ 211.7700, 12.1510,
-5.4570

■ 211.7700, 12.1510,
-5.4570

255.0000, -0.0000,
-0.0000

■ 183.8840, 11.8300,
-5.1460

■ 253.8600, 3.2100,
-3.1100

■ 156.9980, 11.5090,
-4.8350

■ 130.6990, 10.9130,
-5.0470

■ 105.8130, 10.5920,
-4.7360

■ 81.6280, 9.6750,
-4.6370

■ 58.7420, 9.3540,
-4.3260

■ 37.1440, 8.1620,

-4.7500

■ 16.2580, 7.8410,
-4.4390

■ 0.0000, 0.0000,
0.0000

■ 211.7700, 12.1510,
-5.4570

■ 211.7700, 12.1510,
-5.4570

■ 205.7400, 20.8630,
-9.1610

■ 217.8000, 3.4390,
-1.7530

■ 200.2970, 29.3000,
-13.3880

■ 223.2430, -4.9980,
2.4740

■ 194.2670, 38.0120,
-17.0920

■ 229.2730,
-13.7100, 6.1780

■ 188.2370, 46.7240,
-20.7960

■ 232.7950,
-15.3600, 3.0400

■ 182.7940, 55.1610,
-25.0230

■ 235.7300,
-16.7350, 0.4250

■ 176.7640, 63.8730,
-28.7270

■ 239.2520,
-18.3850, -2.7130

■ 170.7340, 72.5850,
-32.4310

■ 242.7740,
-20.0350, -5.8510

■ 165.2910, 81.0220,
-36.6580

■ 244.5350,
-20.8600, -7.4200

■ 161.4610, 86.2950,
-38.6090

Harmonies

Analogous

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



212.9390, 19.1650, -0.4110



211.7700, 12.1510, -5.4570



210.6870, 2.0190, -9.0610

Triad

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



211.7700, 12.1510, -5.4570



208.9200, -23.3820, -5.7660



215.0000, 9.1680, 10.0640

Complementary

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



211.7700, 12.1510, -5.4570



197.2300, -12.1510, 5.4570

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.



213.9000, -2.2940, 8.5380



211.7700, 12.1510, -5.4570



210.1640, -20.9530, -0.2250

Square

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



211.7700, 12.1510, -5.4570



208.2640, -18.6590, -8.7630



212.2190, -13.6180, 4.5100



214.6650, 17.4210, 9.1730

Rectangle

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



211.7700, 12.1510, -5.4570



209.7400, -5.5000, -10.4600



212.2190, -13.6180, 4.5100



214.2600, 5.5000, 10.4600

Sweetspot

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



211.7700, 12.1510, -5.4570



252.0990, 4.0350, -1.5410



199.1810, 15.9080, 9.0600



126.0280, 2.7970, -1.1310



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.



211.7700, 12.1510, -5.4570



243.6410, 16.8280, -7.6200



214.3730, 5.7790, -11.1250



106.9850, 4.3560, -1.8520



127.4500, 67.6330, -30.7910



33.7120, 18.0660, -8.0300

Inverse Universe

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



197.2300, -12.1510, 5.4570



223.3590, -16.8280, 7.6200



194.6270, -5.7790, 11.1250



102.0150, -4.3560, 1.8520



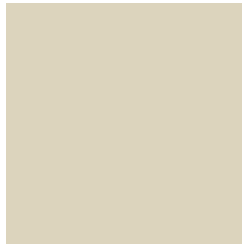
46.1370, -67.9080, 30.2680



12.2880, -18.0660, 8.0300

Previews

White Background



This preview shows how the YIQ color 211.7700, 12.1510, -5.4570 looks on a white background.

Color Contrast Check

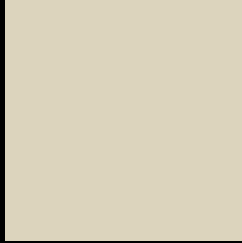
Large Text (above 18pt) WCAG AA × Fail

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 211.7700, 12.1510, -5.4570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

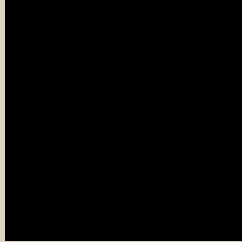
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

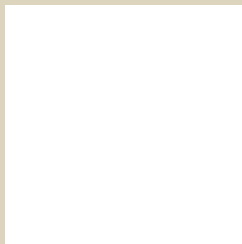
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 211.7700, 12.1510, -5.4570

Background



This preview shows how black text looks on a background with the YIQ color 211.7700, 12.1510, -5.4570.



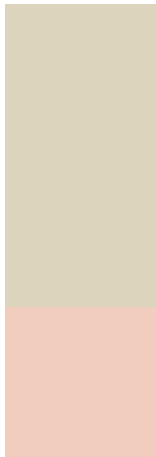
This preview shows how white text looks on a background with the YIQ color 211.7700, 12.1510,

-5.4570.

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

211.7700, 12.1510, -5.4570

Protanopia

212.0690, 12.7470, -5.2450

Deuteranopia

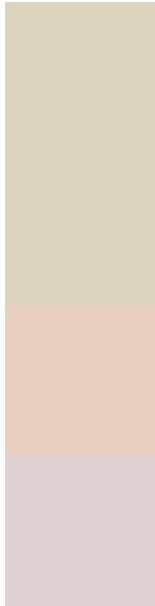
214.0540, 26.2710, 2.9670



Tritanopia

214.2060, 5.5920, 8.7920

Trichromacy



Original Color

211.7700, 12.1510, -5.4570

Protanomaly

212.0690, 12.7470, -5.2450

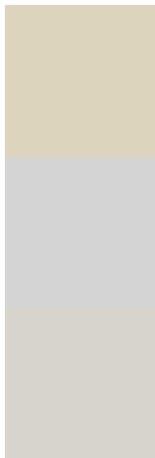
Deuteranomaly

213.4230, 20.6780, -0.2980

Tritanomaly

213.4140, 7.7020, 3.5900

Monochromacy



Original Color

211.7700, 12.1510, -5.4570

Achromatopsia

212.0000, -0.0000, -0.0000

Achromatomaly

211.9850, 4.3560, -1.8520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 211.7700, 12.1510, -5.4570 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, 212, 189)` looks like.

```
.text, #text, p{  
    color:rgb(220, 212, 189)  
}
```

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, 212, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 212, 189) }
```

Border

The CSS property to change the border of an element to YIQ 211.7700, 12.1510, -5.4570 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, 212, 189) }
```


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

```
.border{ border-color:rgb(220, 212, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 212, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 212, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 212, 189);  
box-shadow:4px 4px 4px 4px rgb(220, 212,  
189) }
```

Background

The CSS property to change the background color of an element to YIQ 211.7700, 12.1510, -5.4570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 212, 189) }
```

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

```
.background{ background-color: rgb(220,  
212, 189) }
```

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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