

Converting Colors

YIQ(212.7650, 10.5470, -9.4290)

Have a look what the booklet for
YIQ(212.7650, 10.5470, -9.4290)
contains.

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Color

**YIQ(212.7650, 10.5470,
-9.4290)**

Conversions

Conversions Part 1

Format	Color
Hex	D9D8B9
RGB	217, 216, 185
RGB Percent	85%, 85%, 73%
CMY	0.1490, 0.1529, 0.2744
CMYK	0.00, 0.00, 0.15, 0.15
HSL	58°, 30%, 79%
HSV	58°, 15%, 85%
XYZ	61.9285, 67.3660, 55.6472
YIQ	212.7650, 10.5470, -9.4290

Conversions

Conversions Part 2

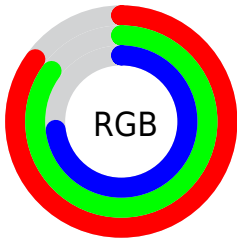
Format	Color
RYB	186, 217, 185
Decimal	14276793
CIELab	85.69, -4.85, 15.42
CIELCh	86, 16.165, 107.449
Yxy	67.3660, 0.3349, 0.3643
Android (android.graphics.Color)	4292466873 (0xFFD9D8B9)
YUV	212.7650, -13.6881, 3.7141
Hunter-Lab	82.0768, -8.9529, 17.2558

Details

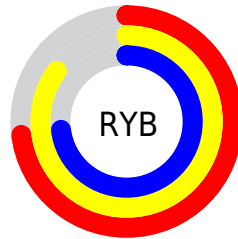
The YIQ color $212.7650, 10.5470, -9.4290$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $189.2350, -10.5470, 9.4290$, and the grayscale version is $213.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $253.4040, 4.4940, -4.3540$, and $157.9930, 9.9050, -8.8070$ is the 20% darker color. If you saturate the color by 10%, you get $209.6700, 17.8840, -15.7480$, and if you desaturate by 10%, it is $215.8600, 3.2100, -3.1100$.

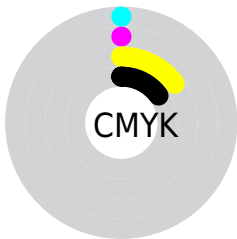
Distribution



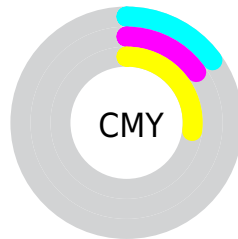
- Red (85%)
- Green (85%)
- Blue (73%)



- Red (73%)
- Yellow (85%)
- Blue (73%)



- Cyan (0%)
- Magenta (0%)
- Yellow (15%)
- Black (15%)



- Cyan (15%)
- Magenta (15%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.7650, 10.5470, -9.4290 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 212.7650, 10.5470, -9.4290 by changing the saturation by 10% instead.

■ 212.7650, 10.5470,
-9.4290

■ 212.7650, 10.5470,
-9.4290

255.0000, -0.0000,
-0.0000

■ 184.8790, 10.2260,
-9.1180

■ 253.4040, 4.4940,
-4.3540

■ 157.9930, 9.9050,
-8.8070

■ 132.1070, 9.5840,
-8.4960

■ 106.8080, 8.9880,
-8.7080

■ 82.0360, 8.3460,
-8.0860

■ 59.1500, 8.0250,
-7.7750

■ 37.9650, 7.1080,

-7.6760

■ 17.1220, 5.2280,
-6.6440

■ 0.0000, 0.0000,
0.0000

■ 212.7650, 10.5470,
-9.4290

■ 212.7650, 10.5470,
-9.4290

■ 209.6700, 17.8840,
-15.7480

■ 215.8600, 3.2100,
-3.1100

■ 207.2760, 24.6250,
-22.2790

■ 218.2540, -3.5310,
3.4210

■ 204.1810, 31.9620,
-28.5980

■ 221.3490,
-10.8680, 9.7400

■ 201.0860, 39.2990,
-34.9170

■ 222.5060,
-12.7480, 10.7720

■ 198.6920, 46.0400,
-41.4480

■ 223.0930,
-13.0230, 10.2490

■ 195.5970, 53.3770,
-47.7670

■ 223.6800,
-13.2980, 9.7260

■ 192.5020, 60.7140,
-54.0860

■ 224.2670,
-13.5730, 9.2030

■ 189.9940, 67.7760,
-60.9280

■ 188.1530, 71.5820,
-63.8260

Harmonies

Analogous

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



214.6140, 21.4580, -3.4220



212.7650, 10.5470, -9.4290



210.6430, -3.8490, -12.8490

Triad

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



212.7650, 10.5470, -9.4290



209.8530, -30.4430, -4.4510



217.0010, 16.5950, 13.1310

Complementary

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



212.7650, 10.5470, -9.4290



189.2350, -10.5470, 9.4290

Split Complementary

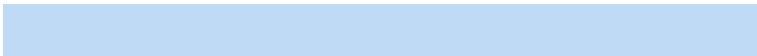
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



217.0580, 3.2530, 12.6370



212.7650, 10.5470, -9.4290



212.5920, -25.0340, 2.1500

Square

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



212.7650, 10.5470, -9.4290



208.6480, -28.6080, -10.1760



214.6370, -11.7390, 9.0050



217.0850, 24.9860, 9.7380

Rectangle

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



212.7650, 10.5470, -9.4290



209.8530, -13.2480, -13.2160



214.6370, -11.7390, 9.0050



217.2610, 12.9270, 13.5270

Sweetspot

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



212.7650, 10.5470, -9.4290



253.8600, 3.2100, -3.1100



194.6820, 18.7510, 7.0950



126.6150, 2.5220, -1.6540



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.



212.7650, 10.5470, -9.4290



249.1690, 15.0410, -13.7830



208.8670, 1.3320, -13.1320



108.1590, 3.8060, -2.8980



150.3430, 56.9080, -51.1880



39.5820, 15.3160, -13.2600

Inverse Universe

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



189.2350, -10.5470, 9.4290



215.4180, -15.3160, 13.2600



193.1330, -1.3320, 13.1320



100.2540, -3.5310, 3.4210



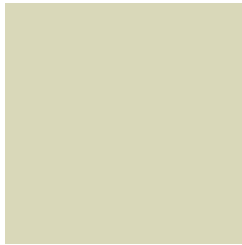
22.6570, -56.9080, 51.1880



5.8310, -15.0410, 13.7830

Previews

White Background



This preview shows how the YIQ color 212.7650, 10.5470, -9.4290 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 212.7650, 10.5470, -9.4290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

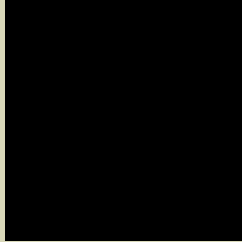
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

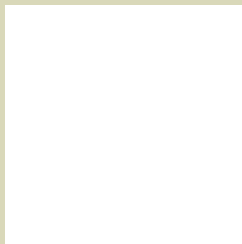
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 212.7650, 10.5470, -9.4290

Background



This preview shows how black text looks on a background with the YIQ color 212.7650, 10.5470, -9.4290.



This preview shows how white text looks on a background with the YIQ color 212.7650, 10.5470,

-9.4290.

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

212.7650, 10.5470, -9.4290

Protanopia

213.8690, 16.1860, -6.9980

Deuteranopia

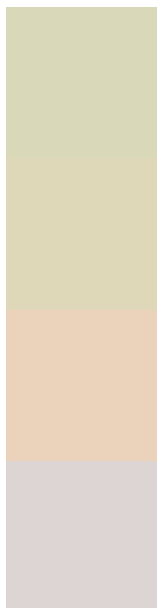
215.4950, 29.3430, 2.3590



Tritanopia

215.8250, 2.2910, 8.0430

Trichromacy



Original Color

212.7650, 10.5470, -9.4290

Protanomaly

213.5590, 14.1230, -8.1570

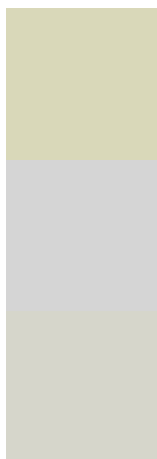
Deuteranomaly

214.7390, 22.6040, -2.1640

Tritanomaly

214.6910, 5.3640, 1.9080

Monochromacy



Original Color

212.7650, 10.5470, -9.4290

Achromatopsia

213.0000, -0.0000, 0.0000

Achromatomaly

212.7460, 3.5310, -3.4210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.7650, 10.5470, -9.4290 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(217, 216, 185)` looks like.

```
.text, #text, p{  
    color:rgb(217, 216, 185)  
}
```

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(217, 216, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 216, 185) }
```

Border

The CSS property to change the border of an element to YIQ 212.7650, 10.5470, -9.4290 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(217, 216, 185) }
```


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

```
.border{ border-color:rgb(217, 216, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 216, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 216, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 216, 185);  
box-shadow:4px 4px 4px 4px rgb(217, 216,  
185) }
```

Background

The CSS property to change the background color of an element to YIQ 212.7650, 10.5470, -9.4290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 216, 185) }
```

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

```
.background{ background-color: rgb(217,  
216, 185) }
```

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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