

Converting Colors

YIQ(210.2230, 14.9490,
-12.1150)

Have a look what the booklet for
YIQ(210.2230, 14.9490, -12.1150)
contains.

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Color

**YIQ(210.2230, 14.9490,
-12.1150)**

Conversions

Conversions Part 1

Format	Color
Hex	D9D6AD
RGB	217, 214, 173
RGB Percent	85%, 84%, 68%
CMY	0.1490, 0.1608, 0.3215
CMYK	0.00, 0.01, 0.20, 0.15
HSL	56°, 37%, 76%
HSV	56°, 20%, 85%
XYZ	60.2052, 65.8615, 49.0863
YIQ	210.2230, 14.9490, -12.1150

Conversions

Conversions Part 2

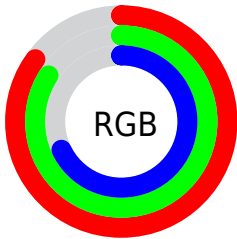
Format	Color
RYB	176, 217, 173
Decimal	14276269
CIELab	84.93, -5.62, 20.66
CIELCh	85, 21.406, 105.216
Yxy	65.8615, 0.3437, 0.3760
Android (android.graphics.Color)	4292466349 (0xFFD9D6AD)
YUV	210.2230, -18.3509, 5.9434
Hunter-Lab	81.1551, -9.6005, 20.9472

Details

The YIQ color $210.2230, 14.9490, -12.1150$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $179.7770, -14.9490, 12.1150$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.0360, 8.3460, -8.0860$, and $155.4510, 14.3070, -11.4930$ is the 20% darker color. If you saturate the color by 10%, you get $207.1280, 22.2860, -18.4340$, and if you desaturate by 10%, it is $213.3180, 7.6120, -5.7960$.

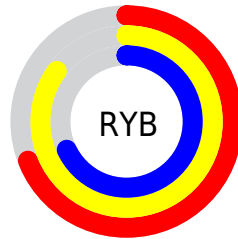
Distribution



Red (85%)

Green (84%)

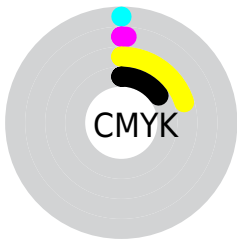
Blue (68%)



Red (69%)

Yellow (85%)

Blue (68%)

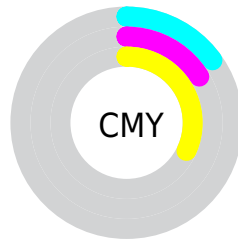


Cyan (0%)

Magenta (1%)

Yellow (20%)

Black (15%)



Cyan (15%)

Magenta (16%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 210.2230, 14.9490, -12.1150 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 210.2230, 14.9490, -12.1150 by changing the saturation by 10% instead.

■ 210.2230, 14.9490,
-12.1150

■ 210.2230, 14.9490,
-12.1150

255.0000, -0.0000,
-0.0000

■ 182.3370, 14.6280,
-11.8040

■ 252.0360, 8.3460,
-8.0860

■ 155.4510, 14.3070,
-11.4930

■ 129.3800, 13.0690,
-11.0830

■ 104.4940, 12.7480,
-10.7720

■ 80.3090, 11.8310,
-10.6730

■ 57.1240, 10.9140,
-10.5740

■ 34.8960, 11.5560,

-11.1960

■ 15.0400, 2.5230,
-7.1810

■ 0.0000, 0.0000,
0.0000

■ 210.2230, 14.9490,
-12.1150

■ 210.2230, 14.9490,
-12.1150

■ 207.1280, 22.2860,
-18.4340

■ 213.3180, 7.6120,
-5.7960

■ 203.5600, 29.5770,
-23.9190

■ 216.8860, 0.3210,
-0.3110

■ 200.4650, 36.9140,
-30.2380

■ 219.9810, -7.0160,
6.0080

■ 196.7830, 44.5260,
-36.0340

■ 223.0930,
-13.0230, 10.2490

■ 193.8020, 51.5420,
-42.0420

■ 223.6800,
-13.2980, 9.7260

■ 190.1200, 59.1540,
-47.8380

■ 224.8540,
-13.8480, 8.6800

■ 187.0250, 66.4910,
-54.1570

■ 225.4410,
-14.1230, 8.1570

■ 183.4570, 73.7820,
-59.6420

■ 226.6150,
-14.6730, 7.1110

■ 227.2020,
-14.9480, 6.5880

Harmonies

Analogous

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



212.0940, 28.7940, -4.2140



210.2230, 14.9490, -12.1150



208.0080, -3.6190, -17.0190

Triad

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



210.2230, 14.9490, -12.1150



205.5140, -42.7300, -7.5460



216.0880, 20.9040, 17.6400

Complementary

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



210.2230, 14.9490, -12.1150



179.7770, -14.9490, 12.1150

Split Complementary

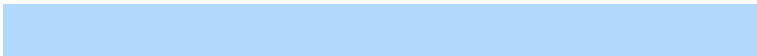
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



215.3940, 2.4270, 16.5950



210.2230, 14.9490, -12.1150



208.9160, -34.7540, 2.0940

Square

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



210.2230, 14.9490, -12.1150



204.3370, -38.0980, -14.4020



212.5810, -17.3330, 11.2670



215.2000, 32.0920, 13.1160

Rectangle

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



210.2230, 14.9490, -12.1150



206.0650, -16.9610, -17.5130



212.5810, -17.3330, 11.2670



215.8640, 15.7230, 17.9230

Sweetspot

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



210.2230, 14.9490, -12.1150



252.7030, 5.0900, -4.1420



186.6120, 24.9400, 10.5720



126.3870, 3.1640, -2.2760



0.0000, 0.0000, 0.0000



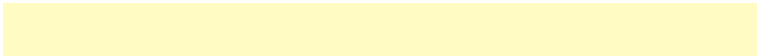
128.0000, -0.0000, -0.0000

Same Dimension

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



210.2230, 14.9490, -12.1150



245.6980, 20.6810, -16.8790



206.6020, 3.3960, -17.5000



108.1590, 3.8060, -2.8980



146.8210, 58.5580, -48.0500



38.9950, 15.5910, -12.7370

Inverse Universe

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



179.7770, -14.9490, 12.1150



203.3020, -20.6810, 16.8790



183.3980, -3.3960, 17.5000



100.2540, -3.5310, 3.4210



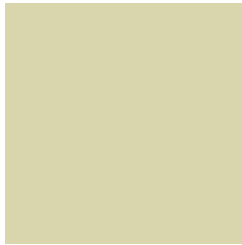
26.7660, -58.8330, 47.5270



7.0050, -15.5910, 12.7370

Previews

White Background



This preview shows how the YIQ color 210.2230, 14.9490, -12.1150 looks on a white background.

Color Contrast Check

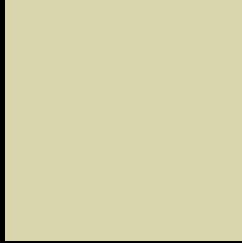
Large Text (above 18pt) WCAG AA × Fail

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 210.2230, 14.9490, -12.1150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

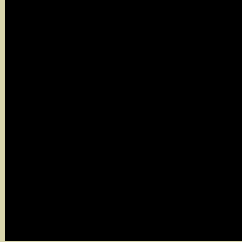
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

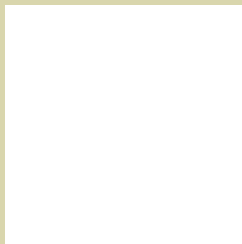
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 210.2230, 14.9490, -12.1150

Background



This preview shows how black text looks on a background with the YIQ color 210.2230, 14.9490, -12.1150.



This preview shows how white text looks on a background with the YIQ color 210.2230, 14.9490,

-12.1150.

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

210.2230, 14.9490, -12.1150

Protanopia

211.3270, 20.5880, -9.6840

Deuteranopia

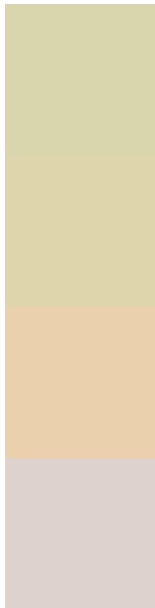
212.9530, 33.7450, -0.3270



Tritanopia

213.9070, 4.9960, 8.5800

Trichromacy



Original Color

210.2230, 14.9490, -12.1150

Protanomaly

211.0170, 18.5250, -10.8430

Deuteranomaly

212.1970, 27.0060, -4.8500

Tritanomaly

212.7190, 8.1610, 0.7770

Monochromacy



Original Color

210.2230, 14.9490, -12.1150

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

210.0020, 5.6860, -3.9300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 210.2230, 14.9490, -12.1150 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, 214, 173)` looks like.

```
.text, #text, p{  
    color:rgb(217, 214, 173)  
}
```

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, 214, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 214, 173) }
```

Border

The CSS property to change the border of an element to YIQ 210.2230, 14.9490, -12.1150 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, 214, 173) }
```


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

```
.border{ border-color:rgb(217, 214, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 214, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 214, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 214, 173);  
box-shadow:4px 4px 4px 4px rgb(217, 214,  
173) }
```

Background

The CSS property to change the background color of an element to YIQ 210.2230, 14.9490, -12.1150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 214, 173) }
```

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

```
.background{ background-color: rgb(217,  
214, 173) }
```

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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