

Converting Colors

YIQ(222.1450, 6.4210, -11.7470)

Have a look what the booklet for
YIQ(222.1450, 6.4210, -11.7470)
contains.

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Color

**YIQ(222.1450, 6.4210,
-11.7470)**

Conversions

Conversions Part 1

Format	Color
Hex	DDE4C3
RGB	221, 228, 195
RGB Percent	87%, 89%, 76%
CMY	0.1334, 0.1058, 0.2352
CMYK	0.03, 0.00, 0.14, 0.11
HSL	73°, 38%, 83%
HSV	73°, 14%, 89%
XYZ	67.4119, 74.7998, 62.5223
YIQ	222.1450, 6.4210, -11.7470

Conversions

Conversions Part 2

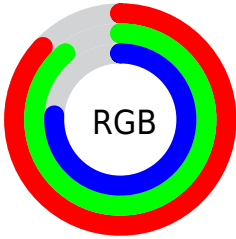
Format	Color
RYB	195, 228, 202
Decimal	14542019
CIELab	89.30, -7.98, 15.32
CIELCh	89, 17.268, 117.512
Yxy	74.7998, 0.3293, 0.3654
Android (android.graphics.Color)	4292732099 (0xFFDDE4C3)
YUV	222.1450, -13.3825, -1.0042
Hunter-Lab	86.4869, -12.2208, 17.6794

Details

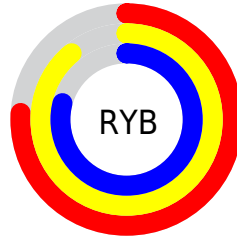
The YIQ color $222.1450, 6.4210, -11.7470$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $200.8550, -6.4210, 11.7470$, and the grayscale version is $222.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $254.6580, 0.9630, -0.9330$, and $167.2590, 6.1000, -11.4360$ is the 20% darker color. If you saturate the color by 10%, you get $218.0280, 10.8240, -19.9600$, and if you desaturate by 10%, it is $226.2620, 2.0180, -3.5340$.

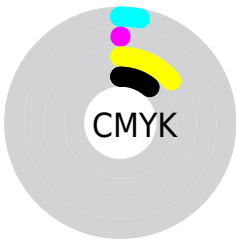
Distribution



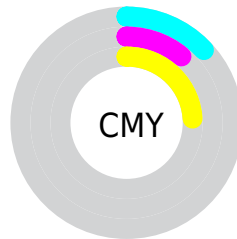
- Red (87%)
- Green (89%)
- Blue (76%)



- Red (76%)
- Yellow (89%)
- Blue (79%)



- Cyan (3%)
- Magenta (0%)
- Yellow (14%)
- Black (11%)



- Cyan (13%)
- Magenta (11%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 222.1450, 6.4210, -11.7470 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 222.1450, 6.4210, -11.7470 by changing the saturation by 10% instead.

■ 222.1450, 6.4210,
-11.7470

■ 222.1450, 6.4210,
-11.7470

255.0000, -0.0000,
-0.0000

■ 194.2590, 6.1000,
-11.4360

254.6580, 0.9630,
-0.9330

■ 167.2590, 6.1000,
-11.4360

■ 140.4870, 5.4580,
-10.8140

■ 114.9000, 5.7330,
-10.2910

■ 90.6010, 5.1370,
-10.5030

■ 66.8290, 4.4950,
-9.8810

■ 44.9430, 4.1740,

-9.5700

■ 23.6120, 6.6040,
-9.5560

■ 0.0000, 0.0000,
0.0000

■ 222.1450, 6.4210,
-11.7470

■ 222.1450, 6.4210,
-11.7470

■ 218.0280, 10.8240,
-19.9600

■ 226.2620, 2.0180,
-3.5340

■ 213.9110, 15.2270,
-28.1730

■ 230.3790, -2.3850,
4.6790

■ 209.9080, 19.3090,
-36.0750

■ 233.4700, -3.8990,
10.0930

■ 206.0900, 24.3080,
-44.0760

■ 234.6660, -1.5150,
10.9410

■ 201.9730, 28.7110,
-52.2890

■ 236.1610, 1.4650,
12.0010

■ 197.8560, 33.1140,
-60.5020

■ 237.6560, 4.4450,
13.0610

■ 193.7390, 37.5170,
-68.7150

■ 239.1510, 7.4250,
14.1210

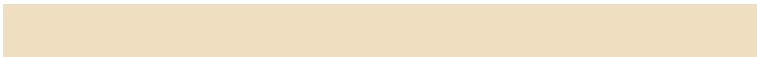
■ 189.7360, 41.5990,
-76.6170

■ 187.6560, 44.5800,
-81.0840

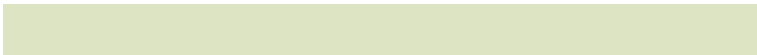
Harmonies

Analogous

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



224.2500, 19.4870, -6.2490



222.1450, 6.4210, -11.7470



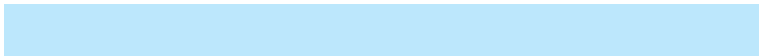
220.0660, -9.5340, -14.4460

Triad

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



222.1450, 6.4210, -11.7470



220.5370, -32.3690, -2.5850



227.0400, 20.8590, 12.9470

Complementary

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



222.1450, 6.4210, -11.7470



200.8550, -6.4210, 11.7470

Split Complementary

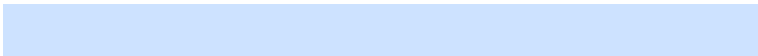
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



227.6350, 8.9380, 14.2340



222.1450, 6.4210, -11.7470



223.0270, -21.8250, 4.5670

Square

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



222.1450, 6.4210, -11.7470



219.0220, -32.5970, -9.4690



226.2570, -7.6130, 11.3230



225.8030, 25.7200, 7.4480

Rectangle

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



222.1450, 6.4210, -11.7470



219.5040, -19.5750, -14.1910



226.2570, -7.6130, 11.3230



228.0120, 18.0620, 14.0780

Sweetspot

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



222.1450, 6.4210, -11.7470



253.2620, 2.0180, -3.5340



208.9760, 17.7430, 3.3350



126.6040, 1.0550, -2.6010



0.0000, 0.0000, 0.0000



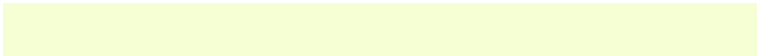
128.0000, -0.0000, -0.0000

Same Dimension

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



222.1450, 6.4210, -11.7470



247.4070, 8.4390, -15.2810



217.3610, -3.1150, -15.1390



112.7350, 2.0640, -4.3680



147.2320, 34.8110, -63.7250



41.8970, 9.8150, -18.1930

Inverse Universe

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



200.8550, -6.4210, 11.7470



219.5930, -8.4390, 15.2810



205.6390, 3.1150, 15.1390



105.2650, -2.0640, 4.3680



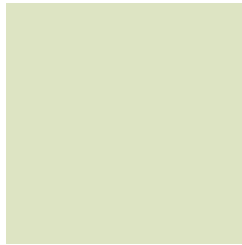
31.7680, -34.8110, 63.7250



9.1030, -9.8150, 18.1930

Previews

White Background



This preview shows how the YIQ color 222.1450, 6.4210, -11.7470 looks on a white background.

Color Contrast Check

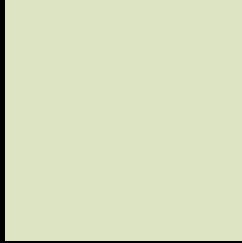
Large Text (above 18pt) WCAG AA × Fail

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 222.1450, 6.4210, -11.7470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

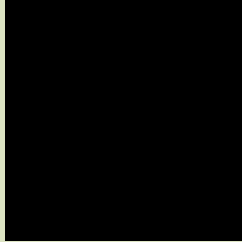
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

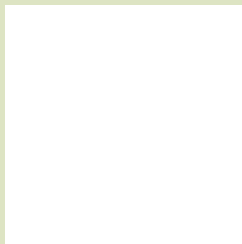
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 222.1450, 6.4210, -11.7470

Background



This preview shows how black text looks on a background with the YIQ color 222.1450, 6.4210, -11.7470.



This preview shows how white text looks on a background with the YIQ color 222.1450, 6.4210,

-11.7470.

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

222.1450, 6.4210, -11.7470

Protanopia

223.7550, 16.5070, -7.3090

Deuteranopia

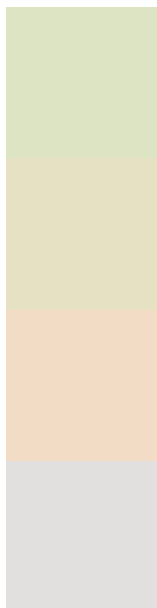
225.6090, 29.0220, 2.6700



Tritanopia

225.4330, -2.4770, 6.3470

Trichromacy



Original Color

222.1450, 6.4210, -11.7470

Protanomaly

222.9610, 12.9310, -8.5810

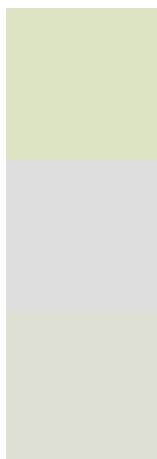
Deuteranomaly

224.2550, 21.0910, -2.2770

Tritanomaly

224.1850, 0.9170, -0.0990

Monochromacy



Original Color

222.1450, 6.4210, -11.7470

Achromatopsia

222.0000, -0.0000, 0.0000

Achromatomaly

222.0340, 2.6600, -4.1560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 222.1450, 6.4210, -11.7470 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, 228, 195)` looks like.

```
.text, #text, p{  
    color:rgb(221, 228, 195)  
}
```

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, 228, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 228, 195) }
```

Border

The CSS property to change the border of an element to YIQ 222.1450, 6.4210, -11.7470 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, 228, 195) }
```


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

```
.border{ border-color:rgb(221, 228, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 228, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 228, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 228, 195);  
box-shadow:4px 4px 4px 4px rgb(221, 228,  
195) }
```

Background

The CSS property to change the background color of an element to YIQ 222.1450, 6.4210, -11.7470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 228, 195) }
```

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

```
.background{ background-color: rgb(221,  
228, 195) }
```

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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