

Converting Colors

YIQ(222.1210, 6.9690, 0.3530)

Have a look what the booklet for
YIQ(222.1210, 6.9690, 0.3530)
contains.

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Color

**YIQ(222.1210, 6.9690,
0.3530)**

Conversions

Conversions Part 1

Format	Color
Hex	E5DCD7
RGB	229, 220, 215
RGB Percent	90%, 86%, 84%
CMY	0.1019, 0.1372, 0.1568
CMYK	0.00, 0.04, 0.06, 0.10
HSL	21°, 21%, 87%
HSV	21°, 6%, 90%
XYZ	70.1736, 72.7499, 74.6390
YIQ	222.1210, 6.9690, 0.3530

Conversions

Conversions Part 2

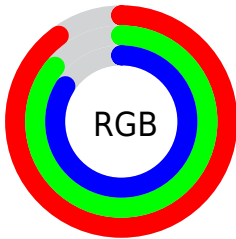
Format	Color
R _Y B	229, 223, 215
Decimal	15064279
CIE Lab	88.33, 2.22, 3.53
CIE LCh	88, 4.168, 57.892
Yxy	72.7499, 0.3225, 0.3344
Android (android.graphics.Color)	4293254359 (0xFFE5DCD7)
YUV	222.1210, -3.5107, 6.0329
Hunter-Lab	85.2936, -2.4064, 7.8218

Details

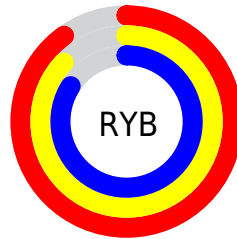
The YIQ color $222.1210, 6.9690, 0.3530$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $221.8790, -6.9690, -0.3530$, and the grayscale version is $222.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $167.1210, 6.9690, 0.3530$ is the 20% darker color. If you saturate the color by 10%, you get $210.6940, 18.4770, 1.0450$, and if you desaturate by 10%, it is $233.5480, -4.5390, -0.3390$.

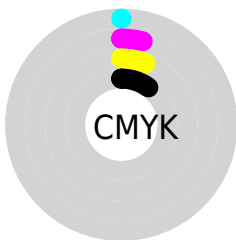
Distribution



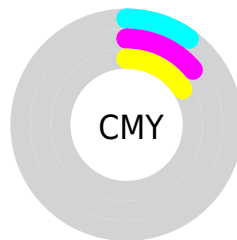
- Red (90%)
- Green (86%)
- Blue (84%)



- Red (90%)
- Yellow (87%)
- Blue (84%)



- Cyan (0%)
- Magenta (4%)
- Yellow (6%)
- Black (10%)



- Cyan (10%)
- Magenta (14%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 222.1210, 6.9690, 0.3530 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 222.1210, 6.9690, 0.3530 by changing the saturation by 10% instead.

■ 222.1210, 6.9690,
0.3530

■ 222.1210, 6.9690,
0.3530

255.0000, -0.0000,
-0.0000

■ 194.1210, 6.9690,
0.3530

■ 167.1210, 6.9690,
0.3530

■ 140.8220, 6.3730,
0.1410

■ 114.9360, 6.0520,
0.4520

■ 90.6370, 5.4560,
0.2400

■ 66.9360, 6.0520,
0.4520

■ 44.7510, 5.1350,

0.5510

■ 24.3380, 4.8600,
0.0280

■ 0.0000, 0.0000,
0.0000

■ 222.1210, 6.9690,
0.3530

■ 222.1210, 6.9690,
0.3530

■ 210.6940, 18.4770,
1.0450

■ 233.5480, -4.5390,
-0.3390

■ 199.8540, 29.7100,
1.2140

■ 243.7040,
-13.8460, -2.3740

■ 188.4270, 41.2180,
1.9060

■ 247.2260,
-15.4960, -5.5120

■ 177.0000, 52.7260,
2.5980

■ 165.6870, 63.9130,
3.6010

■ 154.8470, 75.1460,
3.7700

■ 143.4200, 86.6540,
4.4620

■ 131.9930, 98.1620,
5.1540

■ 120.5660,
109.6700, 5.8460

Harmonies

Analogous

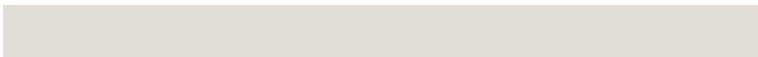
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



222.4740, 7.4730, 2.2330



222.1210, 6.9690, 0.3530



221.3980, 4.6310, -1.3290

Triad

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



222.1210, 6.9690, 0.3530



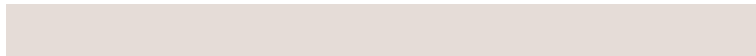
220.3690, -5.5930, -3.2650



222.2110, -1.9720, 2.7000

Complementary

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



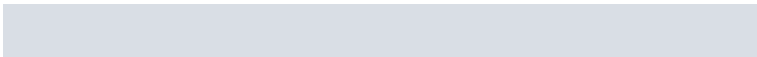
222.1210, 6.9690, 0.3530



221.8790, -6.9690, -0.3530

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.



221.3030, -5.2270, 1.1170



222.1210, 6.9690, 0.3530



220.5260, -7.4730, -2.2330

Square

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



222.1210, 6.9690, 0.3530



220.8100, -2.5210, -3.8730



220.8790, -6.9690, -0.3530



222.7770, 2.2460, 3.3500

Rectangle

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



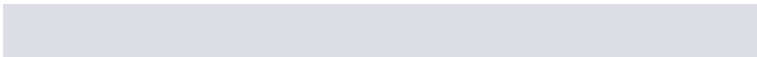
222.1210, 6.9690, 0.3530



221.0880, 2.5680, -2.4880



220.8790, -6.9690, -0.3530



221.9120, -2.5680, 2.4880

Sweetspot

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



222.1210, 6.9690, 0.3530



252.6690, 2.4300, 0.0140



220.2120, 5.4550, 5.7670



126.4840, 1.5130, 0.1130



0.0000, 0.0000, 0.0000



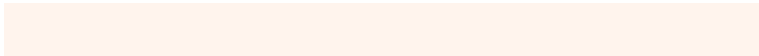
128.0000, -0.0000, -0.0000

Same Dimension

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



222.1210, 6.9690, 0.3530



246.4910, 8.8030, 0.1550



226.2300, 5.0440, -3.3080



110.4520, 4.5390, 0.3390



91.0890, 89.0840, 4.4760



25.8150, 25.4460, 1.3980

Inverse Universe

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



221.8790, -6.9690, -0.3530



246.0960, -9.0780, -0.6780



217.7700, -5.0440, 3.3080



109.9610, -4.2640, 0.1840



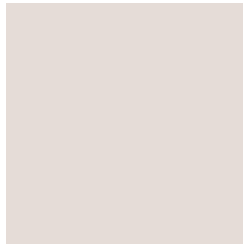
87.9110, -89.0840, -4.4760



25.1850, -25.4460, -1.3980

Previews

White Background



This preview shows how the YIQ color 222.1210, 6.9690, 0.3530 looks on a white background.

Color Contrast Check

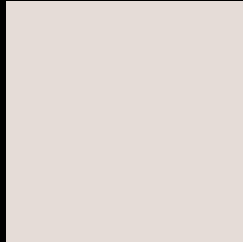
Large Text (above 18pt) WCAG AA × Fail

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 222.1210, 6.9690, 0.3530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

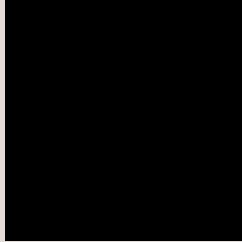
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

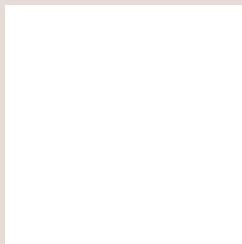
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 222.1210, 6.9690, 0.3530

Background



This preview shows how black text looks on a background with the YIQ color 222.1210, 6.9690, 0.3530.



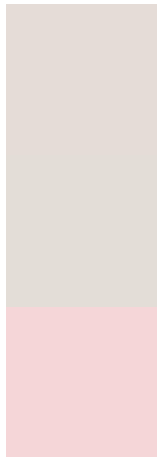
This preview shows how white text looks on a background with the YIQ color 222.1210, 6.9690,

0.3530.

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

222.1210, 6.9690, 0.3530

Protanopia

222.1100, 5.5020, -0.5940

Deuteranopia

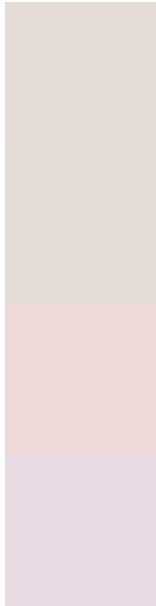
223.4970, 17.8340, 7.1940



Tritanopia

223.4230, 3.4830, 8.4670

Trichromacy



Original Color

222.1210, 6.9690, 0.3530

Protanomaly

222.4090, 6.0980, -0.3820

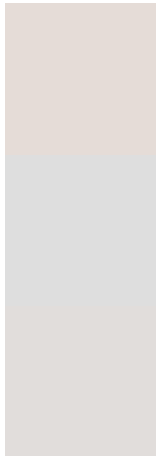
Deuteranomaly

222.8770, 13.7080, 4.8760

Tritanomaly

222.9130, 4.8590, 5.5550

Monochromacy



Original Color

222.1210, 6.9690, 0.3530

Achromatopsia

222.0000, -0.0000, 0.0000

Achromatomaly

221.9680, 3.0260, 0.2260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 222.1210, 6.9690, 0.3530 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(229, 220, 215)` looks like.

```
.text, #text, p{  
    color:rgb(229, 220, 215)  
}
```

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(229, 220, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 220, 215) }
```

Border

The CSS property to change the border of an element to YIQ 222.1210, 6.9690, 0.3530 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(229, 220, 215) }
```


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

```
.border{ border-color:rgb(229, 220, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 220, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 220, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 220, 215);  
box-shadow:4px 4px 4px 4px rgb(229, 220,  
215) }
```

Background

The CSS property to change the background color of an element to YIQ 222.1210, 6.9690, 0.3530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 220, 215) }
```

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

```
.background{ background-color: rgb(229,  
220, 215) }
```

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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