

Converting Colors

YIQ(220.5940, 7.0150, -0.4810)

Have a look what the booklet for
YIQ(220.5940, 7.0150, -0.4810)
contains.

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Color

**YIQ(220.5940, 7.0150,
-0.4810)**

Conversions

Conversions Part 1

Format	Color
Hex	E3DBD4
RGB	227, 219, 212
RGB Percent	89%, 86%, 83%
CMY	0.1098, 0.1412, 0.1686
CMYK	0.00, 0.04, 0.07, 0.11
HSL	28°, 21%, 86%
HSV	28°, 7%, 89%
XYZ	68.8951, 71.7467, 72.5103
YIQ	220.5940, 7.0150, -0.4810

Conversions

Conversions Part 2

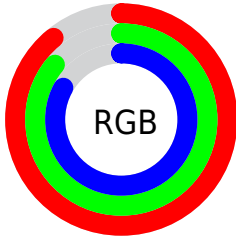
Format	Color
R _Y B	227, 225, 212
Decimal	14932948
CIE Lab	87.85, 1.53, 4.39
CIE LCh	88, 4.652, 70.786
Yxy	71.7467, 0.3232, 0.3366
Android (android.graphics.Color)	4293123028 (0xFFE3DBD4)
YUV	220.5940, -4.2368, 5.6181
Hunter-Lab	84.7034, -3.0446, 8.5372

Details

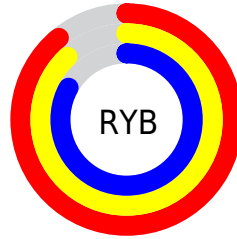
The YIQ color $220.5940, 7.0150, -0.4810$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $218.4060, -7.0150, 0.4810$, and the grayscale version is $221.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $165.5940, 7.0150, -0.4810$ is the 20% darker color. If you saturate the color by 10%, you get $210.9280, 17.6980, -1.3580$, and if you desaturate by 10%, it is $230.2600, -3.6680, 0.3960$.

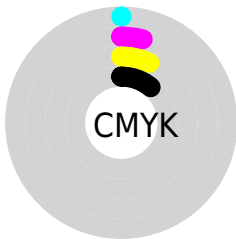
Distribution



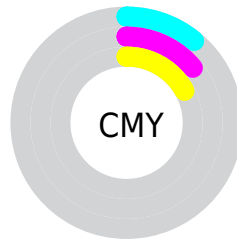
- Red (89%)
- Green (86%)
- Blue (83%)



- Red (89%)
- Yellow (88%)
- Blue (83%)



- Cyan (0%)
- Magenta (4%)
- Yellow (7%)
- Black (11%)



- Cyan (11%)
- Magenta (14%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 220.5940, 7.0150, -0.4810 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 220.5940, 7.0150, -0.4810 by changing the saturation by 10% instead.

■ 220.5940, 7.0150,
-0.4810

■ 220.5940, 7.0150,
-0.4810

255.0000, -0.0000,
-0.0000

■ 192.5940, 7.0150,
-0.4810

■ 165.5940, 7.0150,
-0.4810

■ 139.2950, 6.4190,
-0.6930

■ 113.4090, 6.0980,
-0.3820

■ 89.4090, 6.0980,
-0.3820

■ 66.1100, 5.5020,
-0.5940

■ 43.8110, 4.9060,

-0.8060

■ 23.2240, 5.1810,
-0.2830

■ 0.0000, 0.0000,
0.0000

■ 220.5940, 7.0150,
-0.4810

■ 220.5940, 7.0150,
-0.4810

■ 210.9280, 17.6980,
-1.3580

■ 230.2600, -3.6680,
0.3960

■ 201.3760, 28.0600,
-1.9240

■ 239.5840,
-13.3880, 0.3400

■ 191.7100, 38.7430,
-2.8010

■ 246.6280,
-16.6880, -5.9360

■ 182.0440, 49.4260,
-3.6780

■ 171.9050, 60.0630,
-3.7210

■ 162.2390, 70.7460,
-4.5980

■ 152.5730, 81.4290,
-5.4750

■ 142.9070, 92.1120,
-6.3520

■ 133.3550,
102.4740, -6.9180

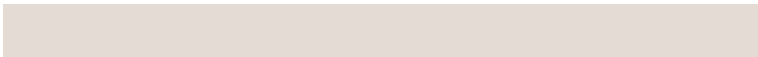
Harmonies

Analogous

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



221.2460, 8.1150, 1.6110



220.5940, 7.0150, -0.4810



219.6860, 3.7600, -2.0640

Triad

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



220.5940, 7.0150, -0.4810



218.9990, -7.4270, -3.0670



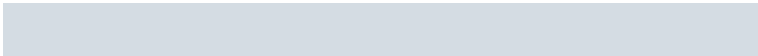
221.1080, -0.1840, 3.3360

Complementary

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



220.5940, 7.0150, -0.4810



218.4060, -7.0150, 0.4810

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.



220.4280, -4.0810, 2.3750



220.5940, 7.0150, -0.4810



219.4550, -8.7110, -1.8230

Square

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



220.5940, 7.0150, -0.4810



219.3260, -4.0340, -3.9860



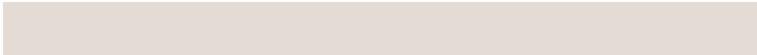
219.4060, -7.0150, 0.4810



221.5600, 4.3550, 3.6750

Rectangle

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



220.5940, 7.0150, -0.4810



219.4900, 1.3760, -2.9120



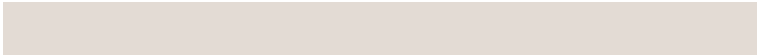
219.4060, -7.0150, 0.4810



220.6240, -1.6970, 3.2230

Sweetspot

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



220.5940, 7.0150, -0.4810



252.6690, 2.4300, 0.0140



217.3970, 6.3720, 5.6680



126.4840, 1.5130, 0.1130



0.0000, 0.0000, 0.0000



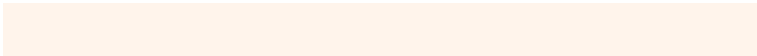
128.0000, -0.0000, -0.0000

Same Dimension

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



220.5940, 7.0150, -0.4810



246.2630, 9.4450, -0.4670



224.7030, 5.0900, -4.1420



110.1100, 5.5020, -0.5940



102.2420, 83.8590, -5.4610



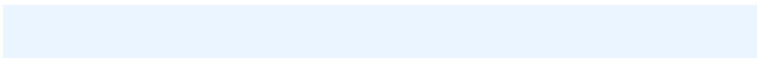
29.3370, 23.7960, -1.7400

Inverse Universe

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



218.4060, -7.0150, 0.4810



243.1500, -9.1700, 0.9900



214.2970, -5.0900, 4.1420



107.8900, -5.5020, 0.5940



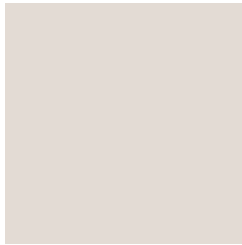
76.1710, -83.5840, 5.9840



21.6630, -23.7960, 1.7400

Previews

White Background



This preview shows how the YIQ color 220.5940, 7.0150, -0.4810 looks on a white background.

Color Contrast Check

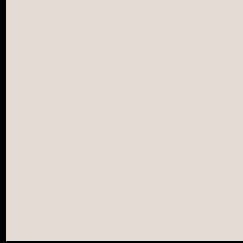
Large Text (above 18pt) WCAG AA × Fail

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 220.5940, 7.0150, -0.4810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

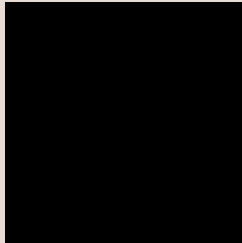
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

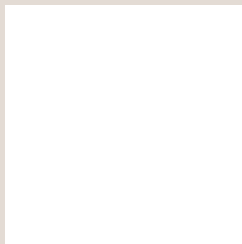
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 220.5940, 7.0150, -0.4810

Background



This preview shows how black text looks on a background with the YIQ color 220.5940, 7.0150, -0.4810.



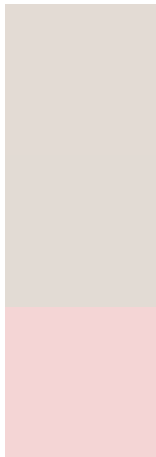
This preview shows how white text looks on a background with the YIQ color 220.5940, 7.0150, -0.4810.

-0.4810.

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

220.5940, 7.0150, -0.4810

Protanopia

220.2950, 6.4190, -0.6930

Deuteranopia

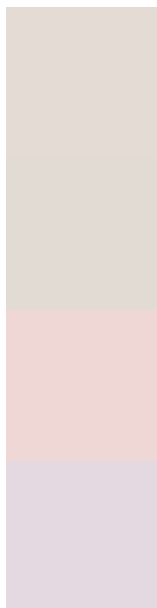
222.2690, 18.4760, 6.5720



Tritanopia

222.1240, 2.8870, 8.2550

Trichromacy



Original Color

220.5940, 7.0150, -0.4810

Protanomaly

220.2950, 6.4190, -0.6930

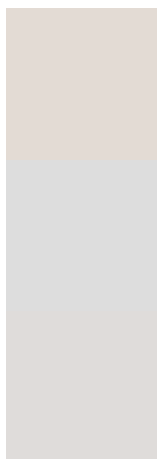
Deuteranomaly

221.6490, 14.3500, 4.2540

Tritanomaly

221.5000, 4.5840, 5.0320

Monochromacy



Original Color

220.5940, 7.0150, -0.4810

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

220.6690, 2.4300, 0.0140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 220.5940, 7.0150, -0.4810 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(227, 219, 212)` looks like.

```
.text, #text, p{  
    color:rgb(227, 219, 212)  
}
```

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(227, 219, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 219, 212) }
```

Border

The CSS property to change the border of an element to YIQ 220.5940, 7.0150, -0.4810 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(227, 219, 212) }
```


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

```
.border{ border-color:rgb(227, 219, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 219, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 219, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 219, 212);  
box-shadow:4px 4px 4px 4px rgb(227, 219,  
212) }
```

Background

The CSS property to change the background color of an element to YIQ 220.5940, 7.0150, -0.4810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 219, 212) }
```

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

```
.background{ background-color: rgb(227,  
219, 212) }
```

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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