

Converting Colors

YIQ(222.1750, 6.8770, 2.0210)

Have a look what the booklet for
YIQ(222.1750, 6.8770, 2.0210)
contains.

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Color

**YIQ(222.1750, 6.8770,
2.0210)**

Conversions

Conversions Part 1

Format	Color
Hex	E6DBDA
RGB	230, 219, 218
RGB Percent	90%, 86%, 85%
CMY	0.0980, 0.1412, 0.1451
CMYK	0.00, 0.05, 0.05, 0.10
HSL	5°, 19%, 88%
HSV	5°, 5%, 90%
XYZ	70.6214, 72.5470, 76.6154
YIQ	222.1750, 6.8770, 2.0210

Conversions

Conversions Part 2

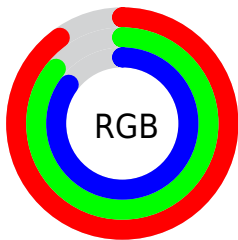
Format	Color
R _Y B	230, 219, 218
Decimal	15129562
CIE Lab	88.23, 3.59, 1.82
CIE LCh	88, 4.028, 26.867
Yxy	72.5470, 0.3213, 0.3301
Android (android.graphics.Color)	4293319642 (0xFFE6DBDA)
YUV	222.1750, -2.0583, 6.8625
Hunter-Lab	85.1745, -1.0545, 6.2902

Details

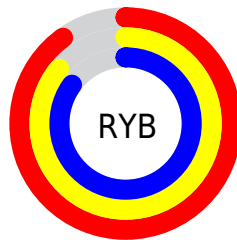
The YIQ color $222.1750, 6.8770, 2.0210$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $225.8250, -6.8770, -2.0210$, and the grayscale version is $222.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $166.8760, 6.2810, 1.8090$ is the 20% darker color. If you saturate the color by 10%, you get $207.2260, 20.0350, 5.8510$, and if you desaturate by 10%, it is $237.1240, -6.2810, -1.8090$.

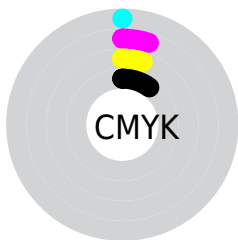
Distribution



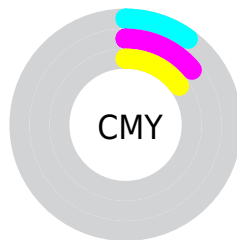
- Red (90%)
- Green (86%)
- Blue (85%)



- Red (90%)
- Yellow (86%)
- Blue (85%)



- Cyan (0%)
- Magenta (5%)
- Yellow (5%)
- Black (10%)



- Cyan (10%)
- Magenta (14%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 222.1750, 6.8770, 2.0210 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 222.1750, 6.8770, 2.0210 by changing the saturation by 10% instead.

■ 222.1750, 6.8770,
2.0210

■ 222.1750, 6.8770,
2.0210

255.0000, -0.0000,
-0.0000

■ 194.1750, 6.8770,
2.0210

■ 166.8760, 6.2810,
1.8090

■ 140.8760, 6.2810,
1.8090

■ 114.9900, 5.9600,
2.1200

■ 90.5770, 5.6850,
1.5970

■ 67.2780, 5.0890,
1.3850

■ 45.2780, 5.0890,

1.3850

■ 24.3920, 4.7680,
1.6960

■ 0.0000, 0.0000,
0.0000

■ 222.1750, 6.8770,
2.0210

■ 222.1750, 6.8770,
2.0210

■ 207.2260, 20.0350,
5.8510

■ 237.1240, -6.2810,
-1.8090

■ 192.2770, 33.1930,
9.6810

■ 247.5250,
-14.9000, -5.3000

■ 177.3280, 46.3510,
13.5110

■ 162.3790, 59.5090,
17.3410

■ 147.4300, 72.6670,
21.1710

■ 131.8940, 86.1000,
25.5240

■ 116.9450, 99.2580,
29.3540

■ 101.9960,
112.4160, 33.1840

■ 87.0470, 125.5740,
37.0140

Harmonies

Analogous

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



222.3320, 4.9970, 3.0530



222.1750, 6.8770, 2.0210



222.1210, 6.9690, 0.3530

Triad

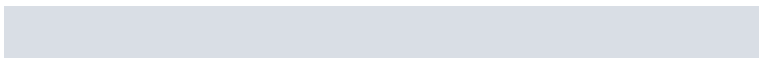
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



222.1750, 6.8770, 2.0210



220.2230, -2.2460, -3.3500



221.3030, -5.2270, 1.1170

Complementary

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



222.1750, 6.8770, 2.0210



225.8250, -6.8770, -2.0210

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.



220.8790, -6.9690, -0.3530



222.1750, 6.8770, 2.0210



220.3690, -5.5930, -3.2650

Square

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



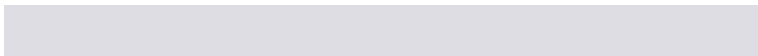
222.1750, 6.8770, 2.0210



220.7890, 1.9720, -2.7000



220.5260, -7.4730, -2.2330



222.0970, -1.6510, 2.3890

Rectangle

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



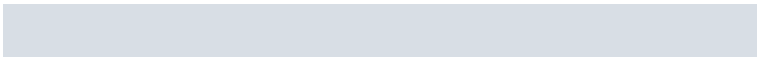
222.1750, 6.8770, 2.0210



221.4090, 6.0980, -0.3820



220.5260, -7.4730, -2.2330



221.0040, -5.8230, 0.9050

Sweetspot

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



222.1750, 6.8770, 2.0210



251.4950, 2.9800, 1.0600



222.8420, 3.6210, 5.9650



125.8970, 1.7880, 0.6360



0.0000, 0.0000, 0.0000



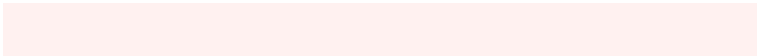
128.0000, -0.0000, -0.0000

Same Dimension

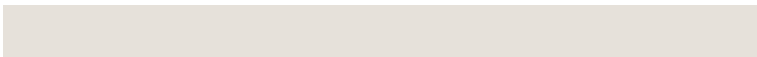
The Same Dimension uses a secret algorithm to generate beautiful new colors.



222.1750, 6.8770, 2.0210



245.0720, 8.6650, 2.6570



225.6970, 5.2270, -1.1170



109.3920, 4.7680, 1.6960



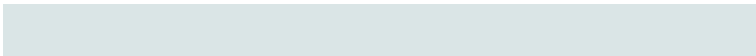
62.3260, 102.5590, 30.1030



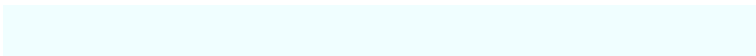
17.5970, 29.2960, 8.7200

Inverse Universe

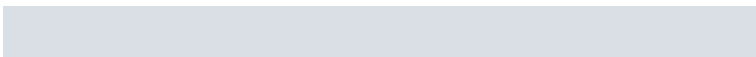
The Inverse Universe completely reimagines the original color for something new.



225.8250, -6.8770, -2.0210



249.9280, -8.6650, -2.6570



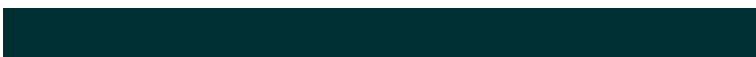
222.3030, -5.2270, 1.1170



112.0210, -4.4930, -1.1730



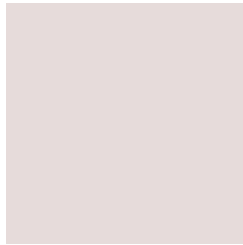
116.6740, -102.5590, -30.1030



33.4030, -29.2960, -8.7200

Previews

White Background



This preview shows how the YIQ color 222.1750, 6.8770, 2.0210 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 222.1750, 6.8770, 2.0210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

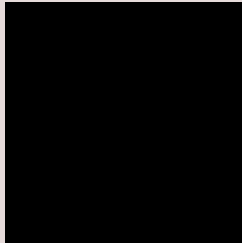
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

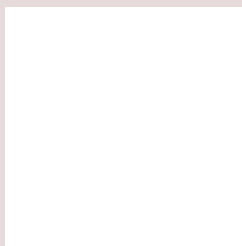
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 222.1750, 6.8770, 2.0210

Background



This preview shows how black text looks on a background with the YIQ color 222.1750, 6.8770, 2.0210.

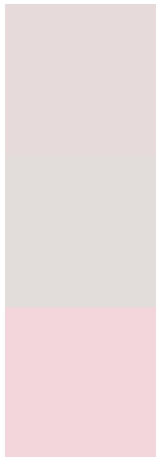


This preview shows how white text looks on a background with the YIQ color 222.1750, 6.8770,

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

222.1750, 6.8770, 2.0210

Protanopia

221.6800, 3.8970, 0.9610

Deuteranopia

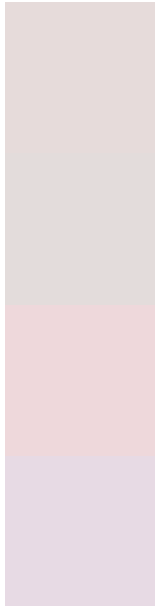
223.2410, 15.6790, 7.7030



Tritanopia

223.4230, 3.4830, 8.4670

Trichromacy



Original Color

222.1750, 6.8770, 2.0210

Protanomaly

221.9790, 4.4930, 1.1730

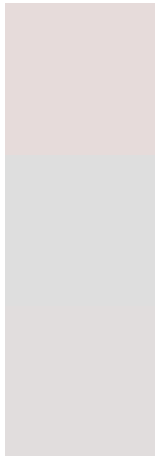
Deuteranomaly

222.9200, 12.1490, 5.5970

Tritanomaly

223.0270, 4.5380, 5.8660

Monochromacy



Original Color

222.1750, 6.8770, 2.0210

Achromatopsia

222.0000, -0.0000, 0.0000

Achromatomaly

222.1960, 2.3840, 0.8480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 222.1750, 6.8770, 2.0210 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(230, 219, 218)` looks like.

```
.text, #text, p{  
    color:rgb(230, 219, 218)  
}
```

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(230, 219, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 219, 218) }
```

Border

The CSS property to change the border of an element to YIQ 222.1750, 6.8770, 2.0210 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(230, 219, 218) }
```


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

```
.border{ border-color:rgb(230, 219, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 219, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 219, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 219, 218);  
box-shadow:4px 4px 4px 4px rgb(230, 219,  
218) }
```

Background

The CSS property to change the background color of an element to YIQ 222.1750, 6.8770, 2.0210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 219, 218) }
```

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

```
.background{ background-color: rgb(230,  
219, 218) }
```

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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