

Converting Colors

YIQ(216.4120, 19.2110, -1.2450)

Have a look what the booklet for
YIQ(216.4120, 19.2110, -1.2450)
contains.

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Color

**YIQ(216.4120, 19.2110,
-1.2450)**

Conversions

Conversions Part 1

Format	Color
Hex	EAD4C1
RGB	234, 212, 193
RGB Percent	92%, 83%, 76%
CMY	0.0823, 0.1686, 0.2430
CMYK	0.00, 0.09, 0.18, 0.08
HSL	28°, 49%, 84%
HSV	28°, 18%, 92%
XYZ	67.1045, 68.4278, 60.1367
YIQ	216.4120, 19.2110, -1.2450

Conversions

Conversions Part 2

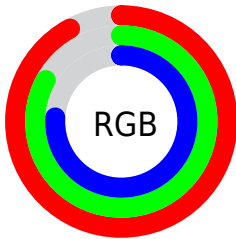
Format	Color
RYB	234, 228, 193
Decimal	15389889
CIELab	86.22, 4.62, 12.15
CIELCh	86, 12.996, 69.192
Yxy	68.4278, 0.3429, 0.3497
Android (android.graphics.Color)	4293579969 (0xFFEAD4C1)
YUV	216.4120, -11.5421, 15.4247
Hunter-Lab	82.7211, 0.0397, 14.8020

Details

The YIQ color $216.4120, 19.2110, -1.2450$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $210.5880, -19.2110, 1.2450$, and the grayscale version is $217.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $254.3160, 1.9260, -1.8660$, and $161.2270, 18.2940, -1.1460$ is the 20% darker color. If you saturate the color by 10%, you get $206.1590, 30.1690, -1.5990$, and if you desaturate by 10%, it is $226.6650, 8.2530, -0.8910$.

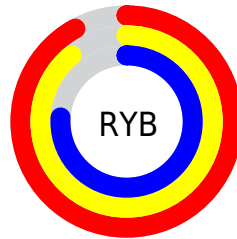
Distribution



Red (92%)

Green (83%)

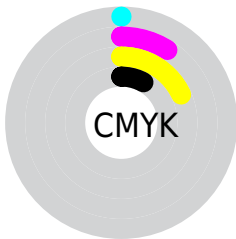
Blue (76%)



Red (92%)

Yellow (89%)

Blue (76%)

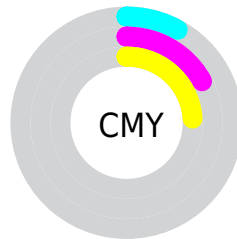


Cyan (0%)

Magenta (9%)

Yellow (18%)

Black (8%)



Cyan (8%)

Magenta (17%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 216.4120, 19.2110, -1.2450 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 216.4120, 19.2110, -1.2450 by changing the saturation by 10% instead.

216.4120, 19.2110,
-1.2450

216.4120, 19.2110,
-1.2450

255.0000, -0.0000,
-0.0000

188.5260, 18.8900,
-0.9340

254.3160, 1.9260,
-1.8660

161.2270, 18.2940,
-1.1460

135.0420, 17.3770,
-1.0470

109.7430, 16.7810,
-1.2590

85.5580, 15.8640,
-1.1600

62.0740, 14.3510,
-1.2730

39.8890, 13.4340,

-1.1740

■ 19.5470, 14.3970,
-2.1070

■ 0.0000, 0.0000,
0.0000

■ 216.4120, 19.2110,
-1.2450

■ 216.4120, 19.2110,
-1.2450

■ 206.1590, 30.1690,
-1.5990

■ 226.6650, 8.2530,
-0.8910

■ 196.3790, 41.1730,
-2.7870

■ 236.4450, -2.7510,
0.2970

■ 186.1260, 52.1310,
-3.1410

■ 245.7860,
-11.1410, -1.8370

■ 176.3460, 63.1350,
-4.3290

■ 248.7210,
-12.5160, -4.4520

■ 166.0930, 74.0930,
-4.6830

■ 156.4270, 84.7760,
-5.5600

■ 146.0600, 96.0550,
-6.2250

■ 135.8070,
107.0130, -6.5790

■ 133.3620,
109.7640, -6.8760

Harmonies

Analogous

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



217.6560, 21.6400, 4.2960



216.4120, 19.2110, -1.2450



214.9440, 11.6010, -6.5030

Triad

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



216.4120, 19.2110, -1.2450



211.4810, -20.7680, -9.0880



217.3240, -0.5520, 10.0080

Complementary

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



216.4120, 19.2110, -1.2450



210.5880, -19.2110, 1.2450

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.



215.4580, -12.7930, 6.0790



216.4120, 19.2110, -1.2450



212.2620, -24.3450, -4.8330

Square

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



216.4120, 19.2110, -1.2450



212.2170, -11.2770, -10.3890



213.6910, -20.9990, 0.6090



218.0110, 10.6350, 11.0110

Rectangle

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



216.4120, 19.2110, -1.2450



214.0570, 3.8530, -9.2590



213.6910, -20.9990, 0.6090



217.2310, -4.7240, 8.5240

Sweetspot

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



216.4120, 19.2110, -1.2450



249.4090, 6.0980, -0.3820



207.8810, 17.0530, 15.8450



124.1530, 3.9430, 0.1270



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.



216.4120, 19.2110, -1.2450



231.8210, 25.3090, -1.6270



228.1520, 13.7110, -11.7050



112.2240, 5.1810, -0.2830



103.4270, 84.7760, -5.5600



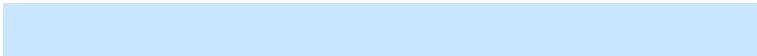
30.8210, 25.3090, -1.6270

Inverse Universe

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



210.5880, -19.2110, 1.2450



224.1790, -25.3090, 1.6270



198.8480, -13.7110, 11.7050



110.7760, -5.1810, 0.2830



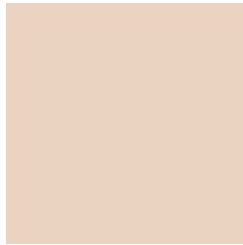
77.5730, -84.7760, 5.5600



23.1790, -25.3090, 1.6270

Previews

White Background



This preview shows how the YIQ color 216.4120, 19.2110, -1.2450 looks on a white background.

Color Contrast Check

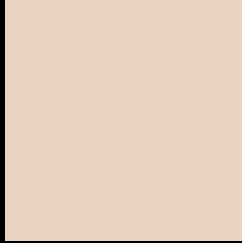
Large Text (above 18pt) WCAG AA × Fail

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 216.4120, 19.2110, -1.2450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

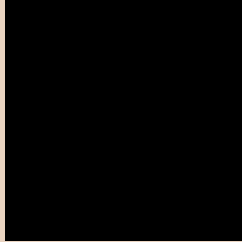
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 216.4120, 19.2110, -1.2450

Background



This preview shows how black text looks on a background with the YIQ color 216.4120, 19.2110, -1.2450.



This preview shows how white text looks on a background with the YIQ color 216.4120, 19.2110,

-1.2450.

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

216.4120, 19.2110, -1.2450

Protanopia

215.7100, 12.3800, -4.1000

Deuteranopia

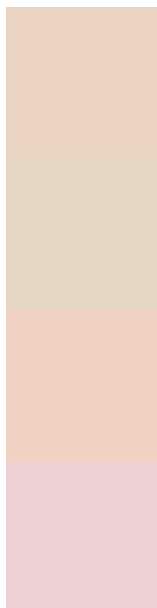
217.4670, 26.5460, 3.4900



Tritanopia

218.2070, 13.0190, 11.8590

Trichromacy



Original Color

216.4120, 19.2110, -1.2450

Protanomaly

215.9060, 14.7640, -3.2520

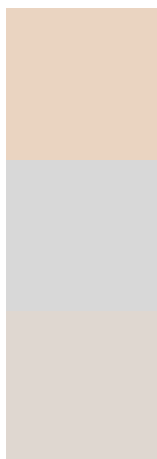
Deuteranomaly

216.8580, 23.8870, 2.1190

Tritanomaly

217.8280, 15.4040, 7.1800

Monochromacy



Original Color

216.4120, 19.2110, -1.2450

Achromatopsia

216.0000, -0.0000, 0.0000

Achromatomaly

216.5940, 7.0150, -0.4810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 216.4120, 19.2110, -1.2450 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(234, 212, 193)` looks like.

```
.text, #text, p{  
    color:rgb(234, 212, 193)  
}
```

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(234, 212, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 212, 193) }
```

Border

The CSS property to change the border of an element to YIQ 216.4120, 19.2110, -1.2450 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(234, 212, 193) }
```


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

```
.border{ border-color:rgb(234, 212, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 212, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 212, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 212, 193);  
box-shadow:4px 4px 4px 4px rgb(234, 212,  
193) }
```

Background

The CSS property to change the background color of an element to YIQ 216.4120, 19.2110, -1.2450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 212, 193) }
```

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

```
.background{ background-color: rgb(234,  
212, 193) }
```

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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