

Converting Colors

YIQ(209.4120, 19.2110, -1.2450)

Have a look what the booklet for
YIQ(209.4120, 19.2110, -1.2450)
contains.

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Color

**YIQ(209.4120, 19.2110,
-1.2450)**

Conversions

Conversions Part 1	
Format	Color
Hex	E3CDBA
RGB	227, 205, 186
RGB Percent	89%, 80%, 73%
CMY	0.1098, 0.1961, 0.2705
CMYK	0.00, 0.10, 0.18, 0.11
HSL	28°, 42%, 81%
HSV	28°, 18%, 89%
XYZ	62.3763, 63.5369, 55.4436
YIQ	209.4120, 19.2110, -1.2450

Conversions

Conversions Part 2

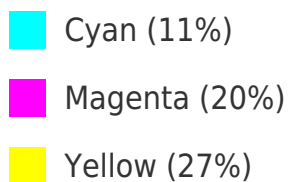
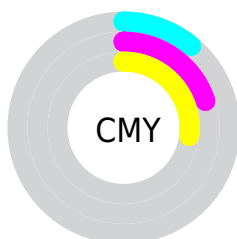
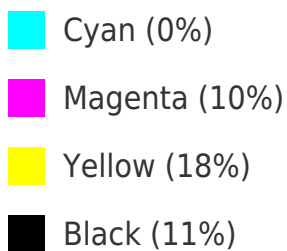
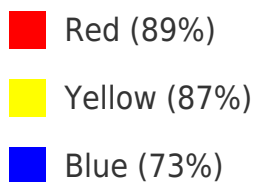
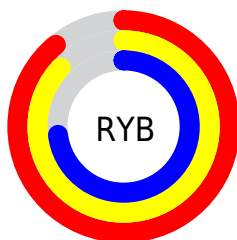
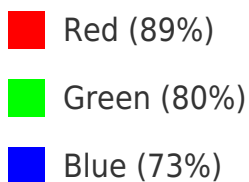
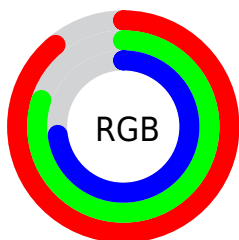
Format	Color
RYB	227, 221, 186
Decimal	14929338
CIELab	83.72, 4.66, 12.23
CIELCh	84, 13.088, 69.133
Yxy	63.5369, 0.3439, 0.3503
Android (android.graphics.Color)	4293119418 (0xFFE3CDBA)
YUV	209.4120, -11.5421, 15.4247
Hunter-Lab	79.7101, 0.1908, 14.5570

Details

The YIQ color $209.4120, 19.2110, -1.2450$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $203.5880, -19.2110, 1.2450$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.5180, 4.1730, -4.0430$, and $154.9280, 17.6980, -1.3580$ is the 20% darker color. If you saturate the color by 10%, you get $199.7460, 29.8940, -2.1220$, and if you desaturate by 10%, it is $219.0780, 8.5280, -0.3680$.

Distribution





Brightness & Saturation

Gradients


These gradients show how the YIQ color 209.4120, 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 209.4120, 19.2110, -1.2450 by changing the saturation by 10% instead.


 209.4120, 19.2110,
-1.2450


 209.4120, 19.2110,
-1.2450


255.0000, -0.0000,
-0.0000


 182.1130, 18.6150,
-1.4570


 253.5180, 4.1730,
-4.0430

 154.9280, 17.6980,
-1.3580

 129.0420, 17.3770,
-1.0470

 103.7430, 16.7810,
-1.2590

 79.5580, 15.8640,
-1.1600

 56.6610, 14.0760,
-1.7960

 34.5900, 12.8380,

-1.3860

13.0570, 13.0210,
0.8050

0.0000, 0.0000,
0.0000

209.4120, 19.2110,
-1.2450

209.4120, 19.2110,
-1.2450

199.7460, 29.8940,
-2.1220

219.0780, 8.5280,
-0.3680

190.1940, 40.2560,
-2.6880

228.6300, -1.8340,
0.1980

179.9410, 51.2140,
-3.0420

238.8830,
-12.7920, 0.5520

170.2750, 61.8970,
-3.9190

246.0410,
-16.4130, -5.4130

160.7230, 72.2590,
-4.4850

246.6280,
-16.6880, -5.9360

151.0570, 82.9420,
-5.3620

141.3910, 93.6250,
-6.2390

131.1380,
104.5830, -6.5930

129.5080,
106.4170, -6.7910

Harmonies

Analogous

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



210.6560, 21.6400, 4.2960



209.4120, 19.2110, -1.2450



207.9440, 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.



209.4120, 19.2110, -1.2450



204.4810, -20.7680, -9.0880



210.3240, -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.



209.4120, 19.2110, -1.2450



203.5880, -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.



208.4580, -12.7930, 6.0790



209.4120, 19.2110, -1.2450



204.9630, -24.9410, -5.0450

Square

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



209.4120, 19.2110, -1.2450



205.2170, -11.2770, -10.3890



206.3920, -21.5950, 0.3970



211.0110, 10.6350, 11.0110

Rectangle

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



209.4120, 19.2110, -1.2450



207.3560, 4.4490, -9.0470



206.3920, -21.5950, 0.3970



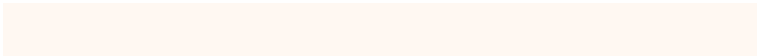
210.2310, -4.7240, 8.5240

Sweetspot

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



209.4120, 19.2110, -1.2450



249.4090, 6.0980, -0.3820



200.8810, 17.0530, 15.8450



124.1530, 3.9430, 0.1270



0.0000, 0.0000, 0.0000



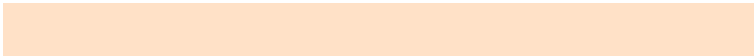
128.0000, -0.0000, -0.0000

Same Dimension

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



209.4120, 19.2110, -1.2450



231.0060, 26.2260, -1.7260



221.1520, 13.7110, -11.7050



110.1100, 5.5020, -0.5940



102.2420, 83.8590, -5.4610



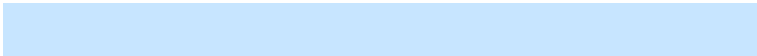
29.3370, 23.7960, -1.7400

Inverse Universe

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



203.5880, -19.2110, 1.2450



222.9940, -26.2260, 1.7260



191.8480, -13.7110, 11.7050



107.8900, -5.5020, 0.5940



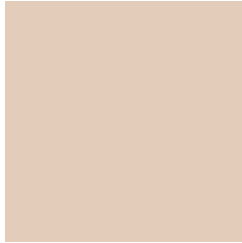
76.7580, -83.8590, 5.4610



21.6630, -23.7960, 1.7400

Previews

White Background



This preview shows how the YIQ color 209.4120, 19.2110, -1.2450 looks on a white background.

Color Contrast Check

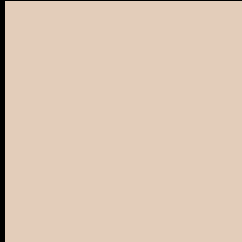
Large Text (above 18pt) WCAG AA × Fail

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 209.4120, 19.2110, -1.2450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

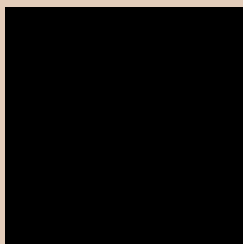
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 209.4120, 19.2110, -1.2450

Background



This preview shows how black text looks on a background with the YIQ color 209.4120, 19.2110, -1.2450.



This preview shows how white text looks on a background with the YIQ color 209.4120, 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

209.4120, 19.2110, -1.2450

Protanopia

208.4110, 11.7840, -4.3120

Deuteranopia

210.1680, 25.9500, 3.2780




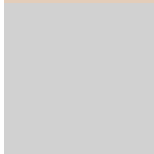
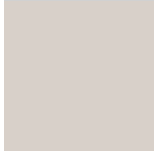
Tritanopia

211.6800, 13.0650, 11.0250

Trichromacy

	Original Color
	209.4120, 19.2110, -1.2450
	Protanomaly
	208.9060, 14.7640, -3.2520
	Deuteranomaly
	209.5590, 23.2910, 1.9070
	Tritanomaly
	210.7140, 15.7250, 6.8690

Monochromacy

	Original Color
	209.4120, 19.2110, -1.2450
	Achromatopsia
	209.0000, 0.0000, 0.0000
	Achromatomaly
	209.5940, 7.0150, -0.4810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 209.4120, 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(227, 205, 186)` looks like.

```
.text, #text, p{  
    color:rgb(227, 205, 186)  
}
```

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, 205, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 205, 186) }
```

Border

The CSS property to change the border of an element to YIQ 209.4120, 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(227, 205, 186) }
```


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

```
.border{ border-color:rgb(227, 205, 186) }
```

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

Here you see how a box with a 4 pixel rgb(227, 205, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 205, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 205, 186);  
box-shadow:4px 4px 4px 4px rgb(227, 205,  
186) }
```

Background

The CSS property to change the background color of an element to YIQ 209.4120, 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(227, 205, 186) }
```

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

```
.background{ background-color: rgb(227,  
205, 186) }
```

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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