

Converting Colors

YIQ(249.6890, -9.4900, -4.2260)

Have a look what the booklet for
YIQ(249.6890, -9.4900, -4.2260)
contains.

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Color

**YIQ(249.6890, -9.4900,
-4.2260)**

Conversions

Conversions Part 1

Format	Color
Hex	EEFFFD
RGB	238, 255, 253
RGB Percent	93%, 100%, 99%
CMY	0.0667, 0.0000, 0.0079
CMYK	0.07, 0.00, 0.01, 0.00
HSL	173°, 100%, 97%
HSV	173°, 7%, 100%
XYZ	88.7445, 96.7866, 106.9252
YIQ	249.6890, -9.4900, -4.2260

Conversions

Conversions Part 2

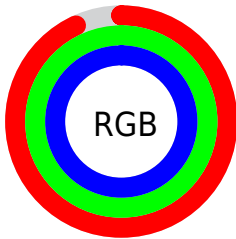
Format	Color
R_{YB}	238, 247, 255
Decimal	15663101
CIE _{Lab}	98.74, -5.89, -0.96
CIE _{LCh}	99, 5.969, 189.252
Yxy	96.7866, 0.3034, 0.3309
Android (android.graphics.Color)	4293853181 (0xFFEEFFFD)
YUV	249.6890, 1.6323, -10.2513
Hunter-Lab	98.3802, -11.1482, 4.4264

Details

The YIQ color 249.6890, -9.4900, -4.2260 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 243.3110, 9.4900, 4.2260, and the grayscale version is 250.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 255.0000, -0.0000, -0.0000, and 192.9880, -8.8940, -4.0140 is the 20% darker color. If you saturate the color by 10%, you get 241.5730, -24.0230, -10.6710, and if you desaturate by 10%, it is 255.0000, -0.0000, -0.0000.

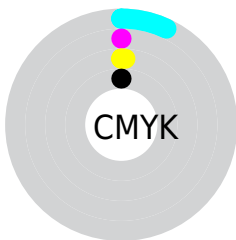
Distribution



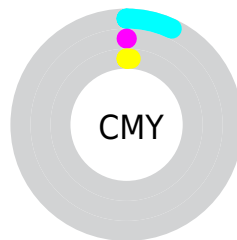
- Red (93%)
- Green (100%)
- Blue (99%)



- Red (93%)
- Yellow (97%)
- Blue (100%)



- Cyan (7%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)





- Cyan (7%)
- Magenta (0%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 249.6890, -9.4900, -4.2260 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 249.6890, -9.4900, -4.2260 by changing the saturation by 10% instead.


 249.6890, -9.4900,
-4.2260


 249.6890, -9.4900,
-4.2260

255.0000, -0.0000,
-0.0000


 220.9880, -8.8940,
-4.0140

 192.9880, -8.8940,
-4.0140

 165.9880, -8.8940,
-4.0140

 139.9880, -8.8940,
-4.0140

 114.2870, -8.2980,
-3.8020

 89.7000, -8.0230,
-3.2790

 66.5860, -7.7020,

-3.5900

■ 43.9990, -7.4270,
-3.0670

■ 23.2980, -6.8310,
-2.8550

■ 249.6890, -9.4900,
-4.2260

■ 249.6890, -9.4900,
-4.2260

■ 241.5730,
-24.0230, -10.6710

255.0000, -0.0000,
-0.0000

■ 233.7560,
-37.9600, -16.9040

■ 225.6400,
-52.4930, -23.3490

■ 217.8230,
-66.4300, -29.5820

■ 209.7070,
-80.9630, -36.0270

■ 201.8900,
-94.9000, -42.2600

■ 193.7740,
-109.4330, -48.7050

■ 185.9570,
-123.3700, -54.9380

■ 177.8410,
-137.9030, -61.3830

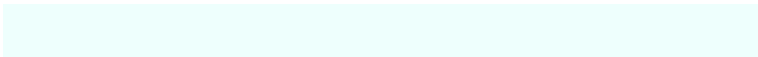
Harmonies

Analogous

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



250.2010, -5.1800, -5.2440



249.6890, -9.4900, -4.2260



249.3300, -9.8570, -3.0810

Triad

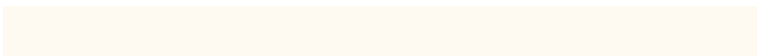
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



249.6890, -9.4900, -4.2260



251.4780, 1.6500, 3.1380



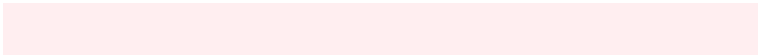
250.4690, 5.8690, -1.7390

Complementary

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



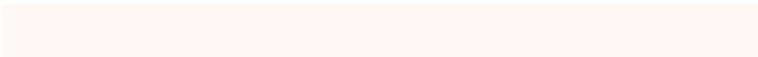
249.6890, -9.4900, -4.2260



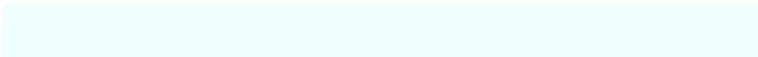
243.3110, 9.4900, 4.2260

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.



249.6370, 5.4560, 0.2400



249.6890, -9.4900, -4.2260



250.8910, 1.9250, 3.6610

Square

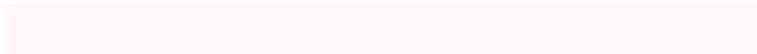
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



249.6890, -9.4900, -4.2260



250.5590, -3.0720, 0.6080



250.3210, 3.5300, 2.1060



251.5290, 5.6400, -3.0960

Rectangle

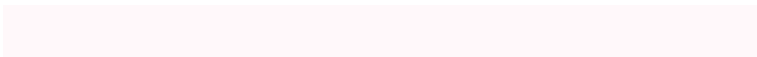
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



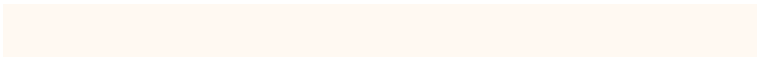
249.6890, -9.4900, -4.2260



249.9280, -8.6650, -2.6570



250.3210, 3.5300, 2.1060



249.9960, 5.8230, -0.9050

Sweetspot

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



249.6890, -9.4900, -4.2260



253.3910, -2.6590, -1.3710



248.5770, -3.4830, -8.4670



126.9890, -1.4670, -0.9470



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

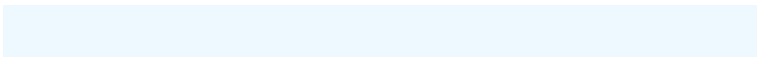
The Same Dimension uses a secret algorithm to generate beautiful new colors.



249.6890, -9.4900, -4.2260



248.7920, -11.2780, -4.8620



246.3950, -8.4820, -0.4660



123.8850, -7.1060, -3.3780



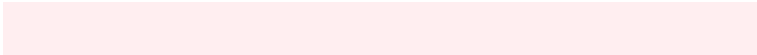
131.3830, -106.7740, -47.3340



43.9520, -35.5760, -16.0560

Inverse Universe

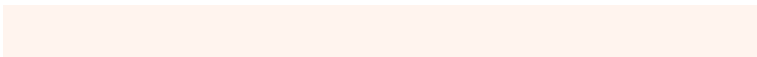
The Inverse Universe completely reimagines the original color for something new.



243.3110, 9.4900, 4.2260



241.2080, 11.2780, 4.8620



246.6050, 8.4820, 0.4660



119.0010, 7.4270, 3.0670



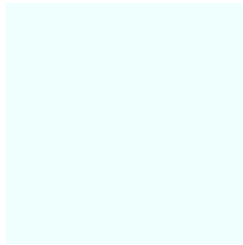
59.7310, 106.4530, 47.6450



20.0480, 35.5760, 16.0560

Previews

White Background



This preview shows how the YIQ color 249.6890, -9.4900, -4.2260 looks on a white background.

Color Contrast Check

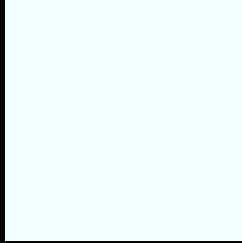
Large Text (above 18pt) WCAG AA × Fail

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 249.6890, -9.4900, -4.2260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

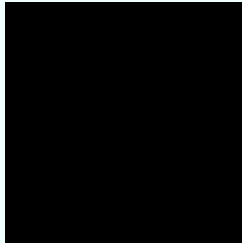
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 249.6890, -9.4900, -4.2260

Background



This preview shows how black text looks on a background with the YIQ color 249.6890, -9.4900, -4.2260.



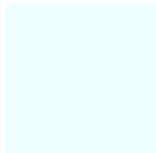
This preview shows how white text looks on a background with the YIQ color 249.6890, -9.4900,

-4.2360.

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

249.6890, -9.4900, -4.2260



Protanopia

251.4950, 2.9800, 1.0600

Deuteranopia

251.7230, 2.3380, 1.6820

Tritanopia

250.8580, -2.4760, 0.8200

Trichromacy



A vertical color bar on the left side of the page, divided into four horizontal segments. The top segment is a light cyan color, the second is a light blue, the third is a light green, and the bottom is a light yellow. The text for each segment is positioned to the right of the bar.

Original Color

249.6890, -9.4900, -4.2260

Protanomaly

250.9890, -1.4670, -0.9470

Deuteranomaly

251.1030, -1.7880, -0.6360

Tritanomaly

250.1350, -4.8140, -0.8620

Monochromacy



A vertical color bar on the left side of the page, divided into three horizontal segments. The top segment is a light cyan color, the middle is a light blue, and the bottom is a light yellow. The text for each segment is positioned to the right of the bar.

Original Color

249.6890, -9.4900, -4.2260

Achromatopsia

250.0000, 0.0000, 0.0000

Achromatomaly

250.0920, -3.2550, -1.5830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 249.6890, -9.4900, -4.2260 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(238, 255, 253)` looks like.

```
.text, #text, p{  
    color:rgb(238, 255, 253)  
}
```

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(238, 255, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 255, 253) }
```

Border

The CSS property to change the border of an element to YIQ 249.6890, -9.4900, -4.2260 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(238, 255, 253) }
```


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

```
.border{ border-color:rgb(238, 255, 253) }
```

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

Here you see how a box with a 4 pixel rgb(238, 255, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 255, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 255, 253);  
box-shadow:4px 4px 4px 4px rgb(238, 255,  
253) }
```

Background

The CSS property to change the background color of an element to YIQ 249.6890, -9.4900, -4.2260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 255, 253) }
```

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

```
.background{ background-color: rgb(238,  
255, 253) }
```

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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