

Converting Colors

YIQ(211.9090, -24.8490,
-6.7130)

Have a look what the booklet for
YIQ(211.9090, -24.8490, -6.7130)
contains.

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Color

**YIQ(211.9090, -24.8490,
-6.7130)**

Conversions

Conversions Part 1

Format	Color
Hex	B8DFE4
RGB	184, 223, 228
RGB Percent	72%, 87%, 89%
CMY	0.2785, 0.1254, 0.1060
CMYK	0.19, 0.02, 0.00, 0.11
HSL	187°, 45%, 81%
HSV	187°, 19%, 89%
XYZ	60.1537, 68.5716, 83.4450
YIQ	211.9090, -24.8490, -6.7130

Conversions

Conversions Part 2

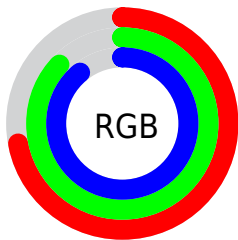
Format	Color
RYB	184, 205, 228
Decimal	12115940
CIELab	86.29, -11.63, -6.66
CIELCh	86, 13.400, 209.804
Yxy	68.5716, 0.2835, 0.3232
Android (android.graphics.Color)	4290306020 (0xFFB8DFE4)
YUV	211.9090, 7.9329, -24.4762
Hunter-Lab	82.8080, -15.2473, -1.7805

Details

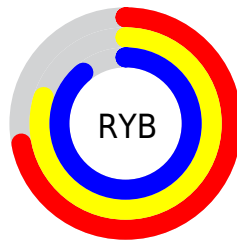
The YIQ color **211.9090, -24.8490, -6.7130** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **200.0910, 24.8490, 6.7130**, and the grayscale version is **212.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **250.8140, -8.3440, -2.9680**, and **157.2080, -24.2530, -6.5010** is the 20% darker color. If you saturate the color by 10%, you get **203.2710, -37.7320, -10.0200**, and if you desaturate by 10%, it is **220.5470, -11.9660, -3.4060**.

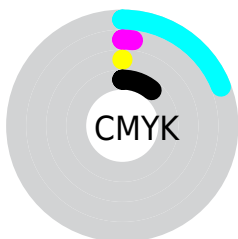
Distribution



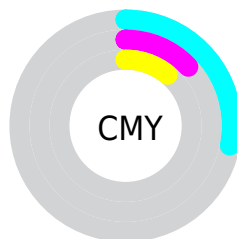
- Red (72%)
- Green (87%)
- Blue (89%)



- Red (72%)
- Yellow (80%)
- Blue (89%)



- Cyan (19%)
- Magenta (2%)
- Yellow (0%)
- Black (11%)



- Cyan (28%)
- Magenta (13%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 211.9090, -24.8490, -6.7130 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 211.9090, -24.8490, -6.7130 by changing the saturation by 10% instead.

■ 211.9090,
-24.8490, -6.7130

■ 211.9090,
-24.8490, -6.7130

■ 255.0000, -0.0000,
-0.0000

■ 184.2080,
-24.2530, -6.5010

■ 250.8140, -8.3440,
-2.9680

■ 157.2080,
-24.2530, -6.5010

■ 130.5070,
-23.6570, -6.2890

■ 105.3930,
-23.3360, -6.6000

■ 80.8060, -23.0610,
-6.0770

■ 57.3930, -23.3360,
-6.6000

■ 33.6100, -25.4450,

-6.9250

■ 17.9810, -16.1840,
-4.0560

■ 0.1140, -0.3210,
0.3110

■ 211.9090,
-24.8490, -6.7130

■ 211.9090,
-24.8490, -6.7130

■ 203.2710,
-37.7320, -10.0200

■ 220.5470,
-11.9660, -3.4060

■ 195.2200,
-50.8900, -13.8500

■ 228.5980, 1.1920,
0.4240

■ 186.8810,
-63.1770, -16.9450

■ 236.9370, 13.4790,
3.5190

■ 178.8300,
-76.3350, -20.7750

■ 239.0080, 14.7170,
3.1090

■ 170.1920,
-89.2180, -24.0820

■ 240.7690, 13.8920,
1.5400

■ 162.1410,
-102.3760, -27.9120

■ 241.9430, 13.3420,
0.4940

■ 153.5030,
-115.2590, -31.2190

■ 243.7040, 12.5170,
-1.0750

■ 145.1640,
-127.5460, -34.3140

■ 245.4650, 11.6920,
-2.6440

■ 144.5660,
-128.7380, -34.7380

■ 246.6390, 11.1420,
-3.6900

Harmonies

Analogous

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



211.3240, -18.8880, -10.1200



211.9090, -24.8490, -6.7130



213.5550, -23.6120, -1.5960

Triad

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



211.9090, -24.8490, -6.7130



218.4560, 7.8840, 11.3080



215.8520, 14.8560, -4.9200

Complementary

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



211.9090, -24.8490, -6.7130



200.0910, 24.8490, 6.7130

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.



217.1350, 21.5490, 0.4370



211.9090, -24.8490, -6.7130



218.4910, 17.9710, 10.2190

Square

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



211.9090, -24.8490, -6.7130



217.3450, -5.0450, 8.8350



218.0090, 22.1440, 6.1760



214.0570, 3.8530, -9.2590

Rectangle

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



211.9090, -24.8490, -6.7130



214.6420, -19.3030, 2.9130



218.0090, 22.1440, 6.1760



216.4610, 17.5150, -3.5490

Sweetspot

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



211.9090, -24.8490, -6.7130



249.3410, -8.3900, -2.1340



210.2840, -13.3840, -21.7680



124.1350, -4.8140, -0.8620



0.0000, 0.0000, 0.0000



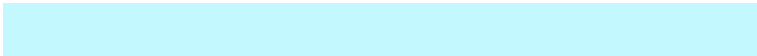
128.0000, -0.0000, -0.0000

Same Dimension

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



211.9090, -24.8490, -6.7130



233.2500, -33.2390, -8.8470



199.5820, -19.0740, 4.2700



110.2380, -6.6020, -1.4980



113.1520, -100.9090, -26.9650



32.2290, -28.7460, -7.6740

Inverse Universe

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



201.6020, 13.7050, 21.4570



219.5690, 18.4720, 28.6800



212.4180, 19.0740, -4.2700



107.7280, 3.9420, 5.6540



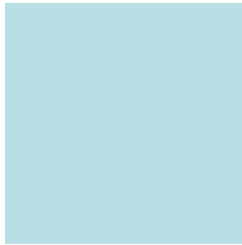
71.5330, 55.9660, 87.0860



20.3790, 15.9510, 24.8070

Previews

White Background



This preview shows how the YIQ color 211.9090, -24.8490, -6.7130 looks on a white background.

Color Contrast Check

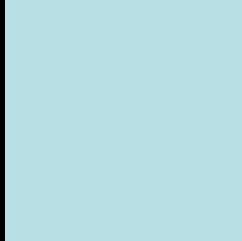
Large Text (above 18pt) WCAG AA × Fail

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 211.9090, -24.8490, -6.7130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

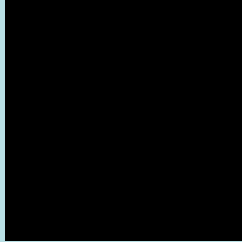
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 211.9090, -24.8490, -6.7130

Background



This preview shows how black text looks on a background with the YIQ color 211.9090, -24.8490, -6.7130.



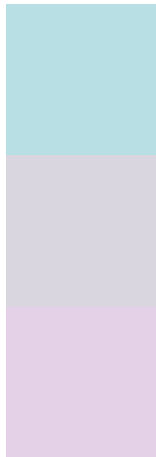
This preview shows how white text looks on a background with the YIQ color 211.9090, -24.8490, -6.7130.

-6.7130.

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

211.9090, -24.8490, -6.7130

Protanopia

215.9230, -1.1010, 3.4350

Deuteranopia

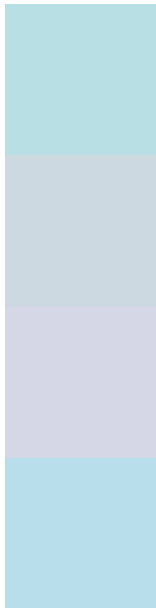
217.4880, 4.8580, 11.0820



Tritanopia

212.5870, -26.6380, -1.8220

Trichromacy



Original Color

211.9090, -24.8490, -6.7130

Protanomaly

214.3240, -9.7200, -0.0560

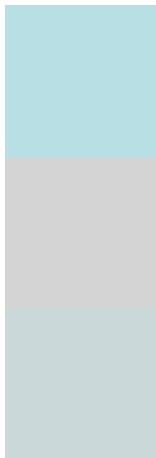
Deuteranomaly

215.5250, -5.7320, 4.7640

Tritanomaly

212.4190, -26.2250, -3.8010

Monochromacy



Original Color

211.9090, -24.8490, -6.7130

Achromatopsia

212.0000, -0.0000, -0.0000

Achromatomaly

212.0420, -8.9860, -2.3460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 211.9090, -24.8490, -6.7130 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(184, 223, 228)` looks like.

```
.text, #text, p{  
    color:rgb(184, 223, 228)  
}
```

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(184, 223, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 223, 228) }
```

Border

The CSS property to change the border of an element to YIQ 211.9090, -24.8490, -6.7130 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(184, 223, 228) }
```


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

```
.border{ border-color:rgb(184, 223, 228) }
```

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

Here you see how a box with a 4 pixel rgb(184, 223, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 223, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 223, 228);  
box-shadow:4px 4px 4px 4px rgb(184, 223,  
228) }
```

Background

The CSS property to change the background color of an element to YIQ 211.9090, -24.8490, -6.7130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 223, 228) }
```

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

```
.background{ background-color: rgb(184,  
223, 228) }
```

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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