

Converting Colors

YIQ(218.4840, -24.8500,
-1.1860)

Have a look what the booklet for
YIQ(218.4840, -24.8500, -1.1860)
contains.

YIQ(218.4840, -24.8500, -1.1860)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(218.4840, -24.8500,
-1.1860)**

Conversions

Conversions Part 1

Format	Color
Hex	C2E2F4
RGB	194, 226, 244
RGB Percent	76%, 89%, 96%
CMY	0.2393, 0.1137, 0.0432
CMYK	0.20, 0.07, 0.00, 0.04
HSL	202°, 69%, 86%
HSV	202°, 20%, 96%
XYZ	65.7687, 72.3971, 96.0728
YIQ	218.4840, -24.8500, -1.1860

Conversions

Conversions Part 2

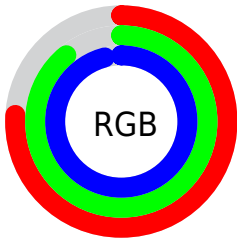
Format	Color
RYB	194, 214, 244
Decimal	12772084
CIELab	88.16, -6.72, -12.24
CIELCh	88, 13.964, 241.246
Yxy	72.3971, 0.2808, 0.3091
Android (android.graphics.Color)	4290962164 (0xFFC2E2F4)
YUV	218.4840, 12.5794, -21.4725
Hunter-Lab	85.0865, -10.9275, -7.3849

Details

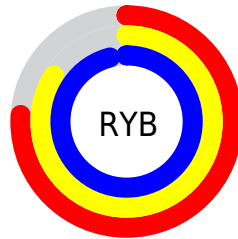
The YIQ color $218.4840, -24.8500, -1.1860$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $219.5160, 24.8500, 1.1860$, and the grayscale version is $218.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $253.8040, -2.3840, -0.8480$, and $163.6690, -23.9330, -1.2850$ is the 20% darker color. If you saturate the color by 10%, you get $206.0250, -36.6790, -1.5670$, and if you desaturate by 10%, it is $230.9430, -13.0210, -0.8050$.

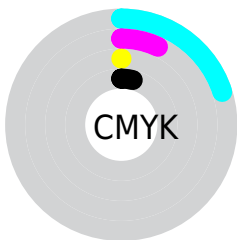
Distribution



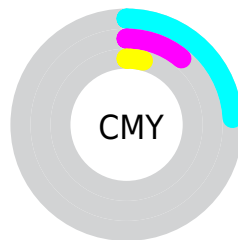
- Red (76%)
- Green (89%)
- Blue (96%)



- Red (76%)
- Yellow (84%)
- Blue (96%)



- Cyan (20%)
- Magenta (7%)
- Yellow (0%)
- Black (4%)



- Cyan (24%)
- Magenta (11%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 218.4840, -24.8500, -1.1860 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 218.4840, -24.8500, -1.1860 by changing the saturation by 10% instead.

■ 218.4840,
-24.8500, -1.1860

■ 218.4840,
-24.8500, -1.1860

■ 255.0000, -0.0000,
-0.0000

■ 190.4840,
-24.8500, -1.1860

■ 253.8040, -2.3840,
-0.8480

■ 163.6690,
-23.9330, -1.2850

■ 136.9680,
-23.3370, -1.0730

■ 111.5550,
-23.6120, -1.5960

■ 86.7400, -22.6950,
-1.6950

■ 62.7400, -22.6950,
-1.6950

■ 39.7290, -24.1620,

-2.6420

■ 20.4090, -20.2650,
-1.6810

■ 2.7530, -6.3740,
5.3860

■ 218.4840,
-24.8500, -1.1860

■ 218.4840,
-24.8500, -1.1860

■ 206.0250,
-36.6790, -1.5670

■ 230.9430,
-13.0210, -0.8050

■ 193.2670,
-49.1040, -2.1600

■ 243.7010, -0.5960,
-0.2120

■ 181.3950,
-61.2080, -3.0640

■ 251.9850, 4.3560,
-1.8520

■ 168.6370,
-73.6330, -3.6570

■ 253.7460, 3.5310,
-3.4210

■ 156.1780,
-85.4620, -4.0380

■ 143.7190,
-97.2910, -4.4190

■ 131.5480,
-109.9910, -5.5350

■ 119.3880,
-121.2240, -5.7040

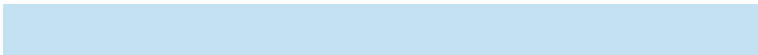
Harmonies

Analogous

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



217.3110, -26.0410, -7.1370



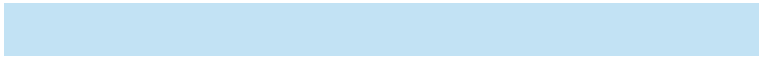
218.4840, -24.8500, -1.1860



220.6640, -16.3690, 4.8070

Triad

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



218.4840, -24.8500, -1.1860



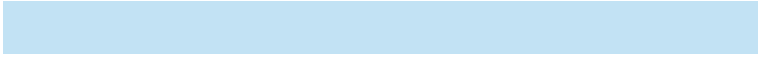
223.7900, 18.5670, 10.4310



219.5300, 3.8990, -10.0930

Complementary

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



218.4840, -24.8500, -1.1860



219.5160, 24.8500, 1.1860

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.



220.7380, 15.1770, -5.2310



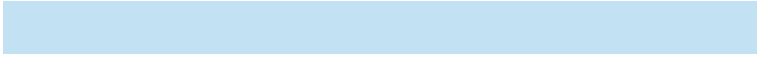
218.4840, -24.8500, -1.1860



223.4930, 23.6570, 6.2890

Square

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



218.4840, -24.8500, -1.1860



223.7550, 8.4800, 11.5200



222.3200, 22.4660, 0.3380



217.9460, -9.0760, -11.7320

Rectangle

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



218.4840, -24.8500, -1.1860



222.0780, -8.6670, 8.3970



222.3200, 22.4660, 0.3380



219.6230, 8.0710, -8.6090

Sweetspot

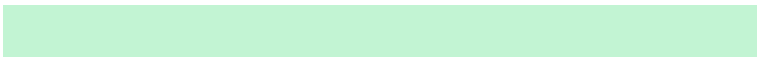
The Sweet Spot groups the original color and five complimentary colors.



218.4840, -24.8500, -1.1860



247.5800, -7.5650, -0.5650



225.2880, -19.2070, -20.8630



122.9610, -4.2640, 0.1840



0.0000, 0.0000, 0.0000



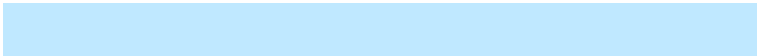
128.0000, -0.0000, -0.0000

Same Dimension

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



218.4840, -24.8500, -1.1860



222.3630, -31.8190, -1.5390



203.8090, -17.9750, 11.8890



116.0640, -6.0520, -0.4520



91.0570, -92.4310, -4.3910



29.0320, -29.3890, -1.5250

Inverse Universe

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



212.5980, 19.5280, 20.5520



214.8100, 24.9830, 26.3190



233.6040, 18.2500, -11.3660



114.5000, 4.5840, 5.0320



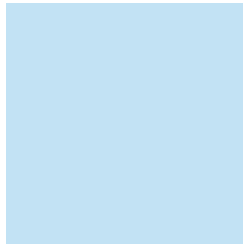
69.1800, 72.6570, 76.4410



21.9730, 22.9660, 24.3260

Previews

White Background



This preview shows how the YIQ color 218.4840, -24.8500, -1.1860 looks on a white background.

Color Contrast Check

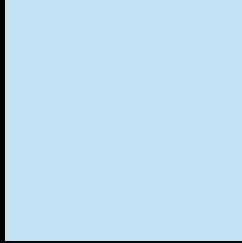
Large Text (above 18pt) WCAG AA × Fail

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 218.4840, -24.8500, -1.1860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

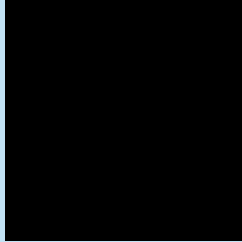
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

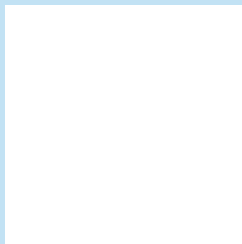
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 218.4840, -24.8500, -1.1860

Background



This preview shows how black text looks on a background with the YIQ color 218.4840, -24.8500, -1.1860.



This preview shows how white text looks on a background with the YIQ color 218.4840, -24.8500, -1.1860.

-1.1860.

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

218.4840, -24.8500, -1.1860

Protanopia

221.3940, -6.7410, 6.5310

Deuteranopia

223.0190, -1.0110, 12.8210



Tritanopia

218.4840, -24.8500, -1.1860

Trichromacy



Original Color

218.4840, -24.8500, -1.1860

Protanomaly

220.5780, -13.2510, 3.3650

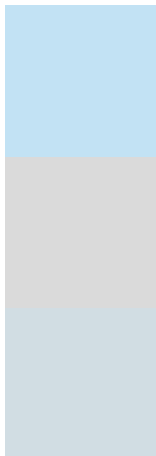
Deuteranomaly

221.3660, -9.5380, 7.6620

Tritanomaly

218.4840, -24.8500, -1.1860

Monochromacy



Original Color

218.4840, -24.8500, -1.1860

Achromatopsia

218.0000, -0.0000, 0.0000

Achromatomaly

218.0960, -9.0780, -0.6780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 218.4840, -24.8500, -1.1860 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(194, 226, 244)` looks like.

```
.text, #text, p{  
    color:rgb(194, 226, 244)  
}
```

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(194, 226, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 226, 244) }
```

Border

The CSS property to change the border of an element to YIQ 218.4840, -24.8500, -1.1860 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(194, 226, 244) }
```


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

```
.border{ border-color:rgb(194, 226, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 226, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 226, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 226, 244);  
box-shadow:4px 4px 4px 4px rgb(194, 226,  
244) }
```

Background

The CSS property to change the background color of an element to YIQ 218.4840, -24.8500, -1.1860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 226, 244) }
```

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

```
.background{ background-color: rgb(194,  
226, 244) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor