

Converting Colors

YIQ(218.2140, -24.3900,
-9.5260)

Have a look what the booklet for
YIQ(218.2140, -24.3900, -9.5260)
contains.

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Color

**YIQ(218.2140, -24.3900,
-9.5260)**

Conversions

Conversions Part 1

Format	Color
Hex	BDE7E5
RGB	189, 231, 229
RGB Percent	74%, 91%, 90%
CMY	0.2589, 0.0940, 0.1020
CMYK	0.18, 0.00, 0.01, 0.09
HSL	177°, 47%, 82%
HSV	177°, 18%, 91%
XYZ	63.7002, 73.6330, 84.9662
YIQ	218.2140, -24.3900, -9.5260

Conversions

Conversions Part 2

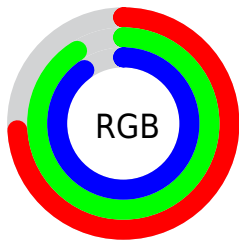
Format	Color
RYB	189, 211, 231
Decimal	12445669
CIELab	88.75, -13.94, -3.53
CIELCh	89, 14.383, 194.203
Yxy	73.6330, 0.2866, 0.3312
Android (android.graphics.Color)	4290635749 (0xFFBDE7E5)
YUV	218.2140, 5.3175, -25.6207
Hunter-Lab	85.8097, -17.6588, 1.3596

Details

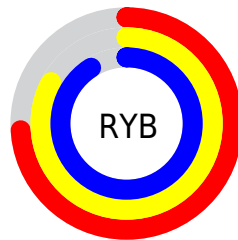
The YIQ color $218.2140, -24.3900, -9.5260$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $201.7860, 24.3900, 9.5260$, and the grayscale version is $218.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $252.3090, -5.3640, -1.9080$, and $162.9260, -23.5190, -8.7910$ is the 20% darker color. If you saturate the color by 10%, you get $211.2230, -37.7770, -14.7130$, and if you desaturate by 10%, it is $225.2050, -11.0030, -4.3390$.

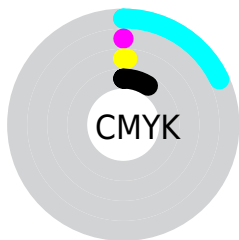
Distribution



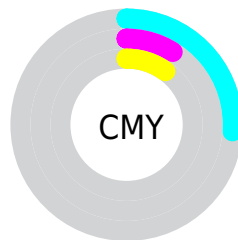
- Red (74%)
- Green (91%)
- Blue (90%)



- Red (74%)
- Yellow (83%)
- Blue (91%)



- Cyan (18%)
- Magenta (0%)
- Yellow (1%)
- Black (9%)



- Cyan (26%)
- Magenta (9%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 218.2140, -24.3900, -9.5260 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 218.2140, -24.3900, -9.5260 by changing the saturation by 10% instead.

■ 218.2140,
-24.3900, -9.5260

■ 218.2140,
-24.3900, -9.5260

■ 255.0000, -0.0000,
-0.0000

■ 190.5130,
-23.7940, -9.3140

■ 252.3090, -5.3640,
-1.9080

■ 162.9260,
-23.5190, -8.7910

■ 136.8120,
-23.1980, -9.1020

■ 111.1110,
-22.6020, -8.8900

■ 86.2250, -22.9230,
-8.5790

■ 62.5240, -22.3270,
-8.3670

■ 38.6270, -24.1150,

-9.0030

■ 20.9160, -17.5590,
-6.6710

■ 0.3420, -0.9630,
0.9330

■ 218.2140,
-24.3900, -9.5260

■ 218.2140,
-24.3900, -9.5260

■ 211.2230,
-37.7770, -14.7130

■ 225.2050,
-11.0030, -4.3390

■ 204.2320,
-51.1640, -19.9000

■ 232.1960, 2.3840,
0.8480

■ 197.2410,
-64.5510, -25.0870

■ 238.2900, 13.9830,
5.3990

■ 190.1360,
-77.6170, -30.5850

■ 238.4040, 13.6620,
5.7100

■ 182.8460,
-91.6000, -35.9840

■ 238.6320, 13.0200,
6.3320

■ 175.8550,
-104.9870, -41.1710

■ 238.7460, 12.6990,
6.6430

■ 168.8640,
-118.3740, -46.3580

■ 238.8600, 12.3780,
6.9540

■ 161.8730,
-131.7610, -51.5450

■ 238.9740, 12.0570,
7.2650

■ 160.6770,
-134.1450, -52.3930

■ 239.0880, 11.7360,
7.5760

Harmonies

Analogous

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



218.4230, -14.8530, -11.6610



218.2140, -24.3900, -9.5260



219.2940, -27.3710, -5.0590

Triad

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



218.2140, -24.3900, -9.5260



224.7480, 1.1900, 11.4780



223.0700, 20.1740, -2.1780

Complementary

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



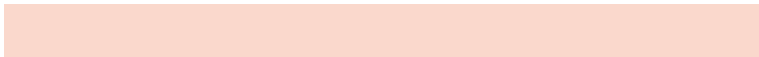
218.2140, -24.3900, -9.5260



201.7860, 24.3900, 9.5260

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.



224.7980, 24.1160, 3.4760



218.2140, -24.3900, -9.5260



225.5060, 13.6150, 12.0710

Square

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



218.2140, -24.3900, -9.5260



223.2840, -12.2430, 7.1250



225.7040, 21.6850, 8.9890



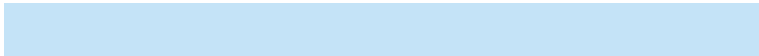
221.7050, 10.7760, -8.0720

Rectangle

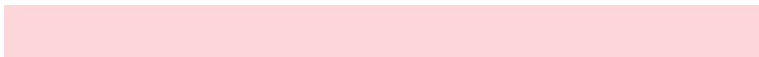
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



218.2140, -24.3900, -9.5260



220.0110, -24.8960, -0.3520



225.7040, 21.6850, 8.9890



223.9070, 22.1910, -0.1850

Sweetspot

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



218.2140, -24.3900, -9.5260



250.9990, -7.4270, -3.0670



214.2520, -10.3580, -21.5420



125.4940, -4.4470, -2.0070



0.0000, 0.0000, 0.0000



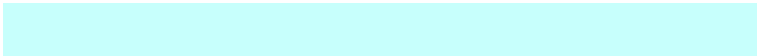
128.0000, -0.0000, -0.0000

Same Dimension

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



218.2140, -24.3900, -9.5260



237.9140, -32.4130, -12.8050



207.2890, -19.8070, 1.0330



111.2980, -6.8310, -2.8550



124.4530, -103.7950, -40.7470



35.5230, -29.7540, -11.4340

Inverse Universe

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



201.7860, 24.3900, 9.5260



216.0860, 32.4130, 12.8050



212.7110, 19.8070, -1.0330



106.7020, 6.8310, 2.8550



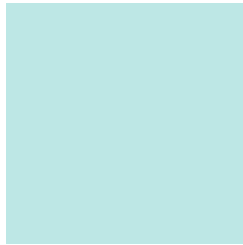
54.5470, 103.7950, 40.7470



15.4770, 29.7540, 11.4340

Previews

White Background



This preview shows how the YIQ color 218.2140, -24.3900, -9.5260 looks on a white background.

Color Contrast Check

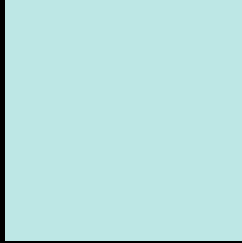
Large Text (above 18pt) WCAG AA × Fail

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 218.2140, -24.3900, -9.5260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

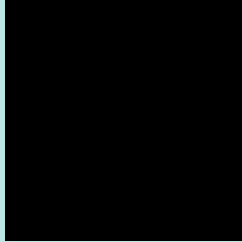
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

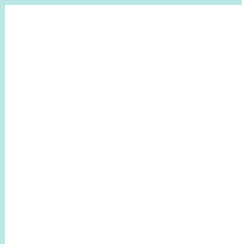
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 218.2140, -24.3900, -9.5260

Background



This preview shows how black text looks on a background with the YIQ color 218.2140, -24.3900, -9.5260.



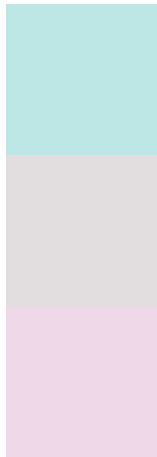
This preview shows how white text looks on a background with the YIQ color 218.2140, -24.3900, -9.5260.

-9.5260.

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

218.2140, -24.3900, -9.5260

Protanopia

222.7230, 2.3380, 1.6820

Deuteranopia

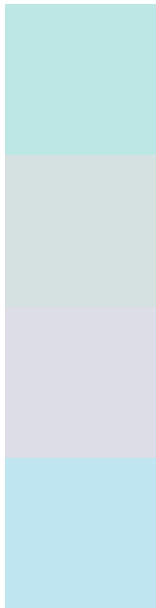
224.7010, 8.5720, 9.8520



Tritanopia

219.4020, -27.5550, -1.7230

Trichromacy



Original Color

218.2140, -24.3900, -9.5260

Protanomaly

221.4120, -7.1520, -2.5440

Deuteranomaly

222.1400, -3.2100, 3.1100

Tritanomaly

218.8920, -26.1790, -4.6350

Monochromacy



Original Color

218.2140, -24.3900, -9.5260

Achromatopsia

218.0000, -0.0000, 0.0000

Achromatomaly

218.1020, -9.2150, -3.7030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 218.2140, -24.3900, -9.5260 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(189, 231, 229)` looks like.

```
.text, #text, p{  
    color:rgb(189, 231, 229)  
}
```

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(189, 231, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 231, 229) }
```

Border

The CSS property to change the border of an element to YIQ 218.2140, -24.3900, -9.5260 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(189, 231, 229) }
```


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

```
.border{ border-color:rgb(189, 231, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 231, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 231, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 231, 229); box-shadow:4px 4px 4px 4px rgb(189, 231, 229) }
```

Background

The CSS property to change the background color of an element to YIQ 218.2140, -24.3900, -9.5260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 231, 229) }
```

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

```
.background{ background-color: rgb(189,  
231, 229) }
```

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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