

Converting Colors

YIQ(216.8540, -23.0160,
-1.3840)

Have a look what the booklet for
YIQ(216.8540, -23.0160, -1.3840)
contains.

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Color

**YIQ(216.8540, -23.0160,
-1.3840)**

Conversions

Conversions Part 1

Format	Color
Hex	C2E0F0
RGB	194, 224, 240
RGB Percent	76%, 88%, 94%
CMY	0.2393, 0.1215, 0.0589
CMYK	0.19, 0.07, 0.00, 0.06
HSL	201°, 60%, 85%
HSV	201°, 19%, 94%
XYZ	64.6274, 71.0751, 92.7301
YIQ	216.8540, -23.0160, -1.3840

Conversions

Conversions Part 2

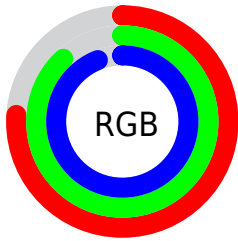
Format	Color
RYB	194, 212, 240
Decimal	12771568
CIELab	87.52, -6.54, -11.09
CIELCh	88, 12.876, 239.471
Yxy	71.0751, 0.2829, 0.3111
Android (android.graphics.Color)	4290961648 (0xFFC2E0F0)
YUV	216.8540, 11.4110, -20.0430
Hunter-Lab	84.3060, -10.7008, -6.2002

Details

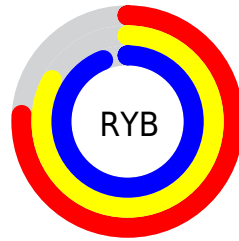
The YIQ color $216.8540, -23.0160, -1.3840$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $217.1460, 23.0160, 1.3840$, and the grayscale version is $217.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $253.8040, -2.3840, -0.8480$, and $162.0390, -22.0990, -1.4830$ is the 20% darker color. If you saturate the color by 10%, you get $204.9820, -35.1200, -2.2880$, and if you desaturate by 10%, it is $228.7260, -10.9120, -0.4800$.

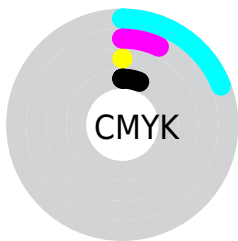
Distribution



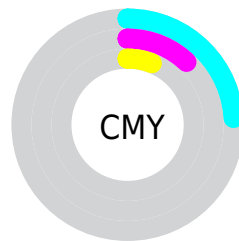
- Red (76%)
- Green (88%)
- Blue (94%)



- Red (76%)
- Yellow (83%)
- Blue (94%)



- Cyan (19%)
- Magenta (7%)
- Yellow (0%)
- Black (6%)



- Cyan (24%)
- Magenta (12%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 216.8540, -23.0160, -1.3840 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 216.8540, -23.0160, -1.3840 by changing the saturation by 10% instead.

■ 216.8540,
-23.0160, -1.3840

■ 216.8540,
-23.0160, -1.3840

■ 255.0000, -0.0000,
-0.0000

■ 189.1530,
-22.4200, -1.1720

■ 253.8040, -2.3840,
-0.8480

■ 162.0390,
-22.0990, -1.4830

■ 135.3380,
-21.5030, -1.2710

■ 110.2240,
-21.1820, -1.5820

■ 85.2240, -21.1820,
-1.5820

■ 62.1100, -20.8610,
-1.8930

■ 38.8110, -21.4570,

-2.1050

■ 19.4800, -19.0270,
-2.0910

■ 2.4110, -5.4110,
4.4530

■ 216.8540,
-23.0160, -1.3840

■ 216.8540,
-23.0160, -1.3840

■ 204.9820,
-35.1200, -2.2880

■ 228.7260,
-10.9120, -0.4800

■ 192.5230,
-46.9490, -2.6690

■ 241.1850, 0.9170,
-0.0990

■ 180.6510,
-59.0530, -3.5730

■ 249.7680, 6.4650,
-1.5270

■ 168.7790,
-71.1570, -4.4770

■ 253.2900, 4.8150,
-4.6650

■ 156.3200,
-82.9860, -4.8580

■ 144.4480,
-95.0900, -5.7620

■ 132.5760,
-107.1940, -6.6660

■ 120.1170,
-119.0230, -7.0470

■ 119.5190,
-120.2150, -7.4710

Harmonies

Analogous

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



215.5070, -23.6570, -6.2890



216.8540, -23.0160, -1.3840



218.5500, -16.0480, 4.4960

Triad

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



216.8540, -23.0160, -1.3840



221.8930, 16.7790, 9.7950



217.4700, 4.1280, -8.7360

Complementary

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



216.8540, -23.0160, -1.3840



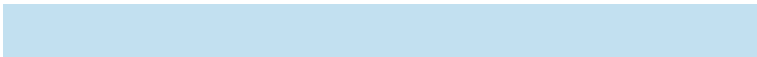
217.1460, 23.0160, 1.3840

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.



218.9660, 14.5350, -4.6090



216.8540, -23.0160, -1.3840



221.7100, 21.5480, 5.9640

Square

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



216.8540, -23.0160, -1.3840



221.7440, 7.0130, 10.5730



220.3630, 20.9070, 1.0590



216.0710, -7.9300, -10.4740

Rectangle

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



216.8540, -23.0160, -1.3840



220.4370, -8.3000, 7.2520



220.3630, 20.9070, 1.0590



218.1500, 8.0250, -7.7750

Sweetspot

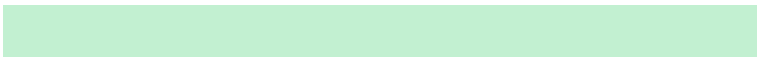
The Sweet Spot groups the original color and five complimentary colors.



216.8540, -23.0160, -1.3840



247.5800, -7.5650, -0.5650



222.7120, -17.4650, -19.3930



122.9610, -4.2640, 0.1840



0.0000, 0.0000, 0.0000



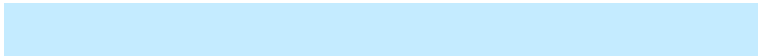
128.0000, -0.0000, -0.0000

Same Dimension

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



216.8540, -23.0160, -1.3840



225.6190, -29.6640, -2.0480



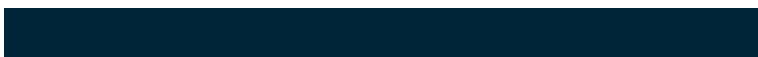
203.9400, -16.9660, 10.1220



114.0640, -6.0520, -0.4520



91.4160, -92.0640, -5.5360



28.1030, -28.1510, -1.9350

Inverse Universe

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



211.1740, 17.7860, 19.0820



218.0870, 22.6450, 24.6370



230.0600, 16.9660, -10.1220



112.5000, 4.5840, 5.0320



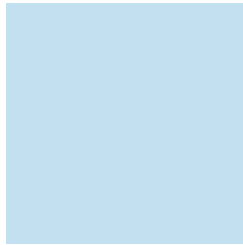
68.6960, 71.1440, 76.3280



20.9620, 21.4990, 23.3790

Previews

White Background



This preview shows how the YIQ color 216.8540, -23.0160, -1.3840 looks on a white background.

Color Contrast Check

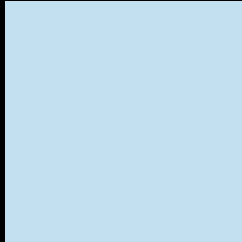
Large Text (above 18pt) WCAG AA × Fail

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 216.8540, -23.0160, -1.3840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

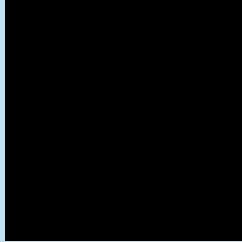
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

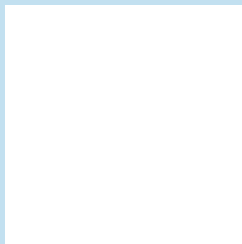
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 216.8540, -23.0160, -1.3840

Background



This preview shows how black text looks on a background with the YIQ color 216.8540, -23.0160, -1.3840.



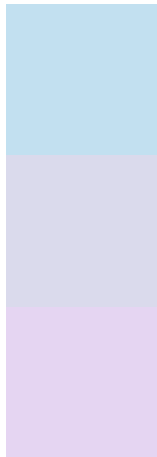
This preview shows how white text looks on a background with the YIQ color 216.8540, -23.0160, -1.3840.

-1.3840.

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

216.8540, -23.0160, -1.3840

Protanopia

220.0520, -5.7780, 5.5980

Deuteranopia

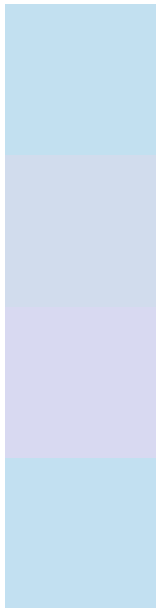
221.0900, 0.2270, 12.4110



Tritanopia

217.0820, -23.6580, -0.7620

Trichromacy



Original Color

216.8540, -23.0160, -1.3840

Protanomaly

218.6490, -12.0130, 2.9550

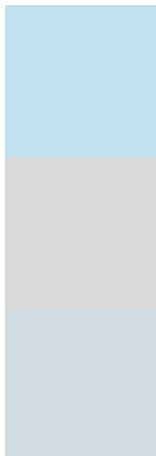
Deuteranomaly

219.4370, -8.3000, 7.2520

Tritanomaly

216.9680, -23.3370, -1.0730

Monochromacy



Original Color

216.8540, -23.0160, -1.3840

Achromatopsia

217.0000, -0.0000, 0.0000

Achromatomaly

217.2810, -8.1610, -0.7770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 216.8540, -23.0160, -1.3840 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, 224, 240)` looks like.

```
.text, #text, p{  
    color:rgb(194, 224, 240)  
}
```

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, 224, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 224, 240) }
```

Border

The CSS property to change the border of an element to YIQ 216.8540, -23.0160, -1.3840 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, 224, 240) }
```


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

```
.border{ border-color:rgb(194, 224, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 224, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 224, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 224, 240);  
box-shadow:4px 4px 4px 4px rgb(194, 224,  
240) }
```

Background

The CSS property to change the background color of an element to YIQ 216.8540, -23.0160, -1.3840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 224, 240) }
```

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

```
.background{ background-color: rgb(194,  
224, 240) }
```

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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