

Converting Colors

YIQ(210.7260, -20.0800,
-10.5440)

Have a look what the booklet for
YIQ(210.7260, -20.0800, -10.5440)
contains.

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Color

**YIQ(210.7260, -20.0800,
-10.5440)**

Conversions

Conversions Part 1

Format	Color
Hex	B9DFD7
RGB	185, 223, 215
RGB Percent	73%, 87%, 84%
CMY	0.2746, 0.1254, 0.1569
CMYK	0.17, 0.00, 0.04, 0.13
HSL	167°, 37%, 80%
HSV	167°, 17%, 87%
XYZ	58.6570, 68.0005, 74.3112
YIQ	210.7260, -20.0800, -10.5440

Conversions

Conversions Part 2

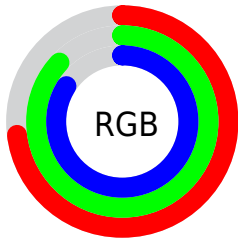
Format	Color
RYB	185, 206, 223
Decimal	12181463
CIELab	86.01, -13.99, -0.21
CIELCh	86, 13.992, 180.875
Yxy	68.0005, 0.2919, 0.3384
Android (android.graphics.Color)	4290371543 (0xFFB9DFD7)
YUV	210.7260, 2.1071, -22.5617
Hunter-Lab	82.4624, -17.3389, 4.2943

Details

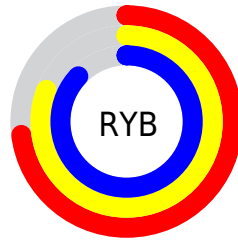
The YIQ color $210.7260, -20.0800, -10.5440$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $197.2740, 20.0800, 10.5440$, and the grayscale version is $211.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $250.8140, -8.3440, -2.9680$, and $156.0250, -19.4840, -10.3320$ is the 20% darker color. If you saturate the color by 10%, you get $203.5780, -31.5870, -16.7630$, and if you desaturate by 10%, it is $217.8740, -8.5730, -4.3250$.

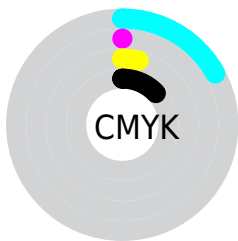
Distribution



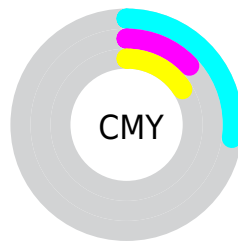
- Red (73%)
- Green (87%)
- Blue (84%)



- Red (73%)
- Yellow (81%)
- Blue (87%)



- Cyan (17%)
- Magenta (0%)
- Yellow (4%)
- Black (13%)



- Cyan (27%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 210.7260, -20.0800, -10.5440 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 210.7260, -20.0800, -10.5440 by changing the saturation by 10% instead.

■ 210.7260,
-20.0800, -10.5440

■ 210.7260,
-20.0800, -10.5440

255.0000, -0.0000,
-0.0000

■ 183.0250,
-19.4840, -10.3320

■ 250.8140, -8.3440,
-2.9680

■ 156.0250,
-19.4840, -10.3320

■ 129.7370,
-18.6130, -9.5970

■ 104.7370,
-18.6130, -9.5970

■ 80.1500, -18.3380,
-9.0740

■ 56.5630, -18.0630,
-8.5510

■ 33.9650, -19.2550,

-8.9750

■ 16.8410, -12.9740,
-7.1660

■ 0.0000, 0.0000,
0.0000

■ 210.7260,
-20.0800, -10.5440

■ 210.7260,
-20.0800, -10.5440

■ 203.5780,
-31.5870, -16.7630

■ 217.8740, -8.5730,
-4.3250

■ 196.2450,
-44.0110, -22.8830

■ 225.2070, 3.8510,
1.7950

■ 189.0970,
-55.5180, -29.1020

■ 232.3550, 15.3580,
8.0140

■ 181.9490,
-67.0250, -35.3210

■ 233.8220, 15.5410,
10.2050

■ 174.5020,
-79.1280, -41.7520

■ 234.3920, 13.9360,
11.7600

■ 167.4680,
-90.9560, -47.6600

■ 234.8480, 12.6520,
13.0040

■ 160.3200,
-102.4630, -53.8790

■ 235.4180, 11.0470,
14.5590

■ 153.1720,
-113.9700, -60.0980

■ 235.9880, 9.4420,
16.1140

■ 150.9650,
-117.8210, -61.8930

■ 236.2160, 8.8000,
16.7360

Harmonies

Analogous

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



211.9460, -9.0760, -11.7320



210.7260, -20.0800, -10.5440



210.7240, -25.7660, -6.6140

Triad

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



210.7260, -20.0800, -10.5440



216.7580, -4.7700, 9.3580



216.0210, 21.8700, 0.1260

Complementary

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



210.7260, -20.0800, -10.5440



197.2740, 20.0800, 10.5440

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.



217.1940, 23.0610, 6.0770



210.7260, -20.0800, -10.5440



217.7550, 8.4800, 11.5200

Square

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



210.7260, -20.0800, -10.5440



214.6640, -16.3690, 4.8070



217.7900, 18.5670, 10.4310



214.7380, 15.1770, -5.2310

Rectangle

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



210.7260, -20.0800, -10.5440



211.8320, -25.9500, -3.2780



217.7900, 18.5670, 10.4310



216.6730, 22.9700, 2.2180

Sweetspot

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



210.7260, -20.0800, -10.5440



250.7710, -6.7850, -3.6890



209.6980, -5.6820, -18.1780



125.3800, -4.1260, -2.3180



0.0000, 0.0000, 0.0000



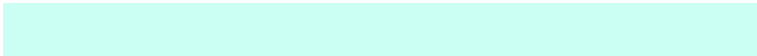
128.0000, -0.0000, -0.0000

Same Dimension

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



210.7260, -20.0800, -10.5440



238.4970, -26.8650, -14.2330



205.1810, -19.6230, -2.3030



108.4830, -5.9140, -2.9540



119.1580, -93.0190, -48.8190



32.5080, -25.3980, -13.2860

Inverse Universe

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



197.2740, 20.0800, 10.5440



220.5030, 26.8650, 14.2330



202.8190, 19.6230, 2.3030



104.5170, 5.9140, 2.9540



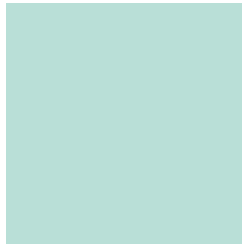
56.8420, 93.0190, 48.8190



15.4920, 25.3980, 13.2860

Previews

White Background



This preview shows how the YIQ color 210.7260, -20.0800, -10.5440 looks on a white background.

Color Contrast Check

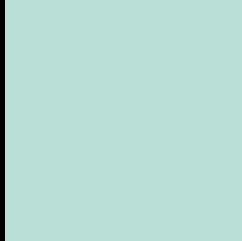
Large Text (above 18pt) WCAG AA × Fail

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 210.7260, -20.0800, -10.5440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

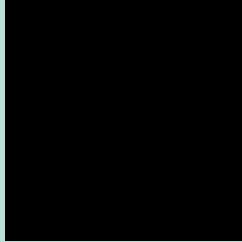
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

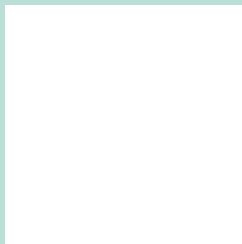
Any Text WCAG AAA ✓ Pass

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

YIQ 210.7260, -20.0800, -10.5440 Background



This preview shows how black text looks on a background with the YIQ color 210.7260, -20.0800, -10.5440.



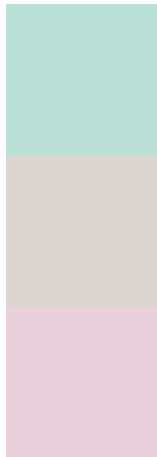
This preview shows how white text looks on a background with the YIQ color 210.7260, -20.0800, -10.5440.

-10.5440.

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

210.7260, -20.0800, -10.5440

Protanopia

215.3380, 4.8600, 0.0280

Deuteranopia

216.9140, 12.2860, 8.6220



Tritanopia

212.6690, -23.9330, -1.2850

Trichromacy



Original Color

210.7260, -20.0800, -10.5440

Protanomaly

213.4400, -4.3550, -3.6750

Deuteranomaly

214.3530, 0.5040, 1.8800

Tritanomaly

212.0450, -22.2360, -4.5080

Monochromacy



Original Color

210.7260, -20.0800, -10.5440

Achromatopsia

211.0000, 0.0000, -0.0000

Achromatomaly

210.7710, -6.7850, -3.6890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 210.7260, -20.0800, -10.5440 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(185, 223, 215)` looks like.

```
.text, #text, p{  
    color:rgb(185, 223, 215)  
}
```

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(185, 223, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 223, 215) }
```

Border

The CSS property to change the border of an element to YIQ 210.7260, -20.0800, -10.5440 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(185, 223, 215) }
```


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

```
.border{ border-color:rgb(185, 223, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 223, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 223, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 223, 215); box-shadow:4px 4px 4px 4px rgb(185, 223, 215) }
```

Background

The CSS property to change the background color of an element to YIQ 210.7260, -20.0800, -10.5440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 223, 215) }
```

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

```
.background{ background-color: rgb(185,  
223, 215) }
```

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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