

Converting Colors

YIQ(209.5250, -6.8730,
-24.1290)

Have a look what the booklet for
YIQ(209.5250, -6.8730, -24.1290)
contains.

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Color

**YIQ(209.5250, -6.8730,
-24.1290)**

Conversions

Conversions Part 1

Format	Color
Hex	BCE3B0
RGB	188, 227, 176
RGB Percent	74%, 89%, 69%
CMY	0.2629, 0.1097, 0.3098
CMYK	0.17, 0.00, 0.22, 0.11
HSL	106°, 48%, 79%
HSV	106°, 22%, 89%
XYZ	56.0415, 68.7691, 51.3960
YIQ	209.5250, -6.8730, -24.1290

Conversions

Conversions Part 2

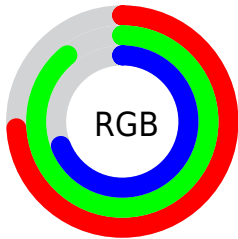
Format	Color
RYB	176, 227, 215
Decimal	12379056
CIELab	86.39, -22.06, 20.81
CIELCh	86, 30.330, 136.675
Yxy	68.7691, 0.3180, 0.3903
Android (android.graphics.Color)	4290569136 (0xFFBCE3B0)
YUV	209.5250, -16.5278, -18.8774
Hunter-Lab	82.9271, -24.4936, 21.3027

Details

The YIQ color $209.5250, -6.8730, -24.1290$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $193.4750, 6.8730, 24.1290$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.3880, 1.4230, -9.2730$, and $154.4650, -6.6440, -22.7720$ is the 20% darker color. If you saturate the color by 10%, you get $201.8200, -9.6220, -34.8860$, and if you desaturate by 10%, it is $217.2300, -4.1240, -13.3720$.

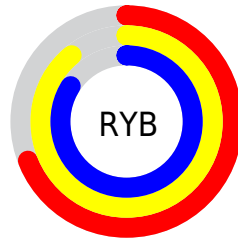
Distribution



Red (74%)

Green (89%)

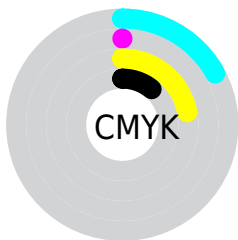
Blue (69%)



Red (69%)

Yellow (89%)

Blue (84%)

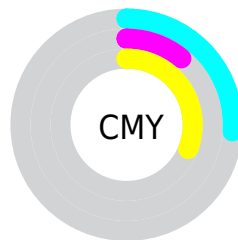


Cyan (17%)

Magenta (0%)

Yellow (22%)

Black (11%)



Cyan (26%)

Magenta (11%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 209.5250, -6.8730, -24.1290 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 209.5250, -6.8730, -24.1290 by changing the saturation by 10% instead.


 209.5250, -6.8730,
-24.1290


 209.5250, -6.8730,
-24.1290


255.0000, -0.0000,
-0.0000


 181.9380, -6.5980,
-23.6060


 249.3880, 1.4230,
-9.2730

 155.0520, -6.9190,
-23.2950

 128.5790, -6.9650,
-22.4610

 103.1060, -7.0110,
-21.6270

 78.6330, -7.0570,
-20.7930

 55.1600, -7.1030,
-19.9590

 32.7470, -7.3780,

-20.4820

■ 17.0230, -7.9750,
-15.1670

■ 0.0000, 0.0000,
0.0000

■ 209.5250, -6.8730,
-24.1290

■ 209.5250, -6.8730,
-24.1290

■ 201.8200, -9.6220,
-34.8860

■ 217.2300, -4.1240,
-13.3720

■ 193.9300,
-13.2880, -45.5440

■ 225.1200, -0.4580,
-2.7140

■ 186.2250,
-16.0370, -56.3010

■ 232.8250, 2.2910,
8.0430

■ 178.2210,
-19.3820, -67.2700

■ 238.5640, 7.7000,
14.6440

■ 170.5160,
-22.1310, -78.0270

■ 162.9250,
-25.2010, -88.4730

■ 154.9210,
-28.5460, -99.4420

■ 149.0960,
-30.8370, -107.4850

Harmonies

Analogous

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



212.9860, 19.8100, -17.6140



209.5250, -6.8730, -24.1290



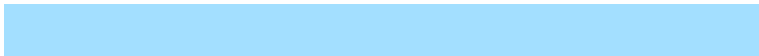
205.2690, -35.3910, -24.9190

Triad

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



209.5250, -6.8730, -24.1290



208.7080, -46.0320, -2.7680



214.2110, 33.5590, 14.0630

Complementary

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



209.5250, -6.8730, -24.1290



193.4750, 6.8730, 24.1290

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.



218.1040, 23.9750, 22.5590



209.5250, -6.8730, -24.1290



214.7980, -19.4420, 10.9420

Square

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



209.5250, -6.8730, -24.1290



203.8580, -64.3700, -11.8420



219.9910, 5.3600, 24.0160



214.2960, 40.2090, 3.6730

Rectangle

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



209.5250, -6.8730, -24.1290



203.0530, -52.2180, -22.8260



219.9910, 5.3600, 24.0160



214.7640, 30.6240, 17.6960

Sweetspot

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



209.5250, -6.8730, -24.1290



248.7620, -2.5660, -8.5660



213.5550, 19.9460, -9.0620



124.3540, -1.2370, -5.1170



0.0000, 0.0000, 0.0000



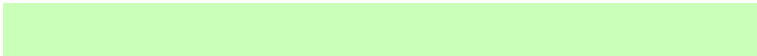
128.0000, -0.0000, -0.0000

Same Dimension

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



209.5250, -6.8730, -24.1290



231.2870, -9.4390, -32.6950



207.4190, -18.1980, -22.6300



110.9410, -1.5120, -5.6400



117.6310, -24.1930, -84.7130



33.5250, -6.8730, -24.1290

Inverse Universe

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



193.4750, 6.8730, 24.1290



209.7130, 9.4390, 32.6950



195.5810, 18.1980, 22.6300



107.0590, 1.5120, 5.6400



61.3690, 24.1930, 84.7130



17.4750, 6.8730, 24.1290

Previews

White Background



This preview shows how the YIQ color 209.5250, -6.8730, -24.1290 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 209.5250, -6.8730, -24.1290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

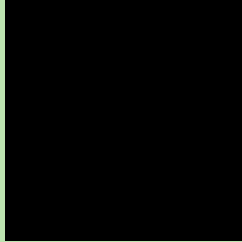
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 209.5250, -6.8730, -24.1290

Background



This preview shows how black text looks on a background with the YIQ color 209.5250, -6.8730, -24.1290.



This preview shows how white text looks on a background with the YIQ color 209.5250, -6.8730,

-24.1290.

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

209.5250, -6.8730, -24.1290

Protanopia

214.0560, 22.7890, -11.0270

Deuteranopia

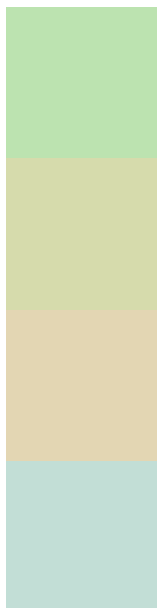
216.4800, 33.6990, 0.5070



Tritanopia

214.6590, -17.9730, 0.8350

Trichromacy



Original Color

209.5250, -6.8730, -24.1290

Protanomaly

212.1470, 12.1070, -15.6770

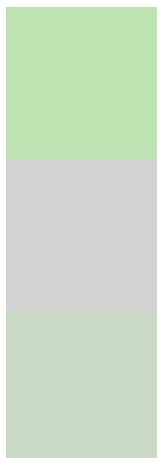
Deuteranomaly

213.8970, 18.9830, -8.1290

Tritanomaly

212.7160, -14.1200, -8.4240

Monochromacy



Original Color

209.5250, -6.8730, -24.1290

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

209.7620, -2.5660, -8.5660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 209.5250, -6.8730, -24.1290 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(188, 227, 176)` looks like.

```
.text, #text, p{  
    color:rgb(188, 227, 176)  
}
```

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(188, 227, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 227, 176) }
```

Border

The CSS property to change the border of an element to YIQ 209.5250, -6.8730, -24.1290 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(188, 227, 176) }
```


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

```
.border{ border-color:rgb(188, 227, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 227, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 227, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 227, 176);  
box-shadow:4px 4px 4px 4px rgb(188, 227,  
176) }
```

Background

The CSS property to change the background color of an element to YIQ 209.5250, -6.8730, -24.1290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 227, 176) }
```

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

```
.background{ background-color: rgb(188,  
227, 176) }
```

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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