

# Converting Colors

YIQ(204.5740, -42.9590,  
-8.9030)

Have a look what the booklet for  
YIQ(204.5740, -42.9590, -8.9030)  
contains.

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# Color

**YIQ(204.5740, -42.9590,  
-8.9030)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9EDEED
RGB	158, 222, 237
RGB Percent	62%, 87%, 93%
CMY	0.3805, 0.1293, 0.0708
CMYK	0.33, 0.06, 0.00, 0.07
HSL	191°, 69%, 77%
HSV	191°, 33%, 93%
XYZ	55.5011, 65.6340, 89.8286
YIQ	204.5740, -42.9590, -8.9030

# Conversions

## Conversions Part 2

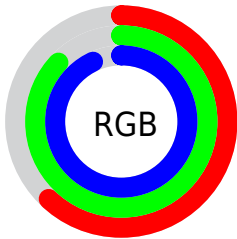
<b>Format</b>	<b>Color</b>
<b>RYB</b>	158, 193, 237
Decimal	10411757
CIELab	84.81, -16.61, -13.77
CIELCh	85, 21.571, 219.665
Yxy	65.6340, 0.2631, 0.3111
Android (android.graphics.Color)	4288601837 (0xFF9EDEED)
YUV	204.5740, 15.9860, -40.8454
Hunter-Lab	81.0148, -19.4903, -9.0299

# Details

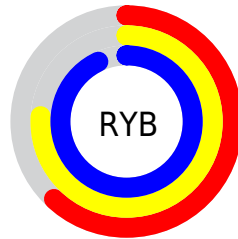
The YIQ color  $204.5740, -42.9590, -8.9030$  is a light color, and the websafe version is hex  $99CCCC$ . A complement of this color would be  $190.4260, 42.9590, 8.9030$ , and the grayscale version is  $204.0000, -0.0000, -0.0000$ .

A 20% lighter version of the original color is  $243.0400, -23.8400, -8.4800$ , and  $149.4600, -42.6380, -9.2140$  is the 20% darker color. If you saturate the color by 10%, you get  $195.0500, -56.1630, -11.8990$ , and if you desaturate by 10%, it is  $214.6850, -30.0300, -6.4300$ .

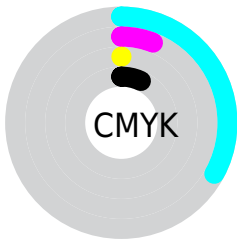
# Distribution



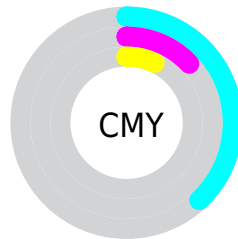
- Red (62%)
- Green (87%)
- Blue (93%)



- Red (62%)
- Yellow (76%)
- Blue (93%)



- Cyan (33%)
- Magenta (6%)
- Yellow (0%)
- Black (7%)



- Cyan (38%)
- Magenta (13%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 204.5740, -42.9590, -8.9030 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 204.5740, -42.9590, -8.9030 by changing the saturation by 10% instead.



■ 204.5740,  
-42.9590, -8.9030

■ 204.5740,  
-42.9590, -8.9030

■ 255.0000, -0.0000,  
-0.0000

■ 176.5740,  
-42.9590, -8.9030

■ 243.0400,  
-23.8400, -8.4800

■ 149.4600,  
-42.6380, -9.2140

■ 251.7110, -6.5560,  
-2.3320

■ 122.4600,  
-42.6380, -9.2140

■ 96.4490, -44.1050,  
-10.1610

■ 68.7580, -49.4690,  
-12.0690

■ 47.7480, -43.5090,  
-9.9490

■ 32.2120, -30.0760,

-5.5960

■ 18.6650, -18.1100,  
-2.1900

■ 1.3680, -3.8520,  
3.7320

■ 204.5740,  
-42.9590, -8.9030

■ 204.5740,  
-42.9590, -8.9030

■ 195.0500,  
-56.1630, -11.8990

■ 214.6850,  
-30.0300, -6.4300

■ 185.2380,  
-68.4960, -14.1600

■ 223.9100,  
-17.4220, -3.6460

■ 175.7140,  
-81.7000, -17.1560

■ 233.4340, -4.2180,  
-0.6500

■ 165.6030,  
-94.6290, -19.6290

■ 243.5450, 8.7110,  
1.8230

■ 156.0790,  
-107.8330, -22.6250

■ 246.4910, 8.8030,  
0.1550

■ 146.2670,  
-120.1660, -24.8860

■ 249.4260, 7.4280,  
-2.4600

■ 139.7220,  
-128.8770, -26.7090

■ 251.7740, 6.3280,  
-4.5520

■ 252.9480, 5.7780,  
-5.5980

# Harmonies

## Analogous

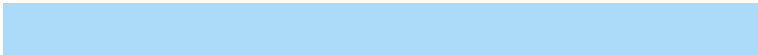
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



204.1800, -36.2180, -15.4340



204.5740, -42.9590, -8.9030



207.7800, -37.3670, -0.1110

# Triad

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



204.5740, -42.9590, -8.9030



215.5330, 18.1530, 17.9370



210.1310, 18.2040, -10.5320

# Complementary

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



204.5740, -42.9590, -8.9030



190.4260, 42.9590, 8.9030

# 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.



212.5180, 30.5360, -2.7440



204.5740, -42.9590, -8.9030



215.0690, 31.0830, 14.8830

# Square

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



204.5740, -42.9590, -8.9030



214.4260, -0.5990, 16.3690



214.0660, 35.1650, 6.9810



207.6880, 0.2780, -16.0580



# Rectangle

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



204.5740, -42.9590, -8.9030



210.5580, -27.6940, 6.3060



214.0660, 35.1650, 6.9810



210.9360, 23.2470, -8.3130

# Sweetspot

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



204.5740, -42.9590, -8.9030



244.5900, -13.5250, -2.6850



205.9690, -26.2190, -36.9630



121.4550, -8.7110, -1.8230



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

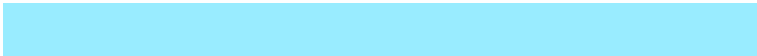


# Same Dimension

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



204.5740, -42.9590, -8.9030



213.3490, -55.5670, -11.6870



181.6810, -32.2340, 11.4940



112.5370, -6.0060, -1.2860



106.9230, -98.5260, -20.5900



31.3970, -29.1590, -5.6950



# Inverse Universe

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



188.9170, 26.5400, 36.6520



192.9600, 34.1490, 47.4370



213.3190, 32.2340, -11.4940



110.3150, 3.6670, 5.1310



70.8770, 60.6890, 84.0890

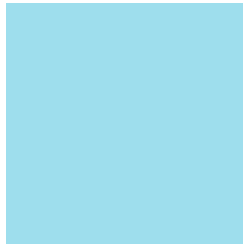


21.0480, 18.3810, 24.8210



# Previews

## White Background



This preview shows how the YIQ color 204.5740, -42.9590, -8.9030 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

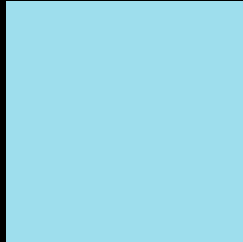
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 204.5740, -42.9590, -8.9030 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

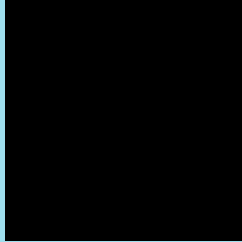
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 204.5740, -42.9590, -8.9030

## Background



This preview shows how black text looks on a background with the YIQ color 204.5740, -42.9590, -8.9030.



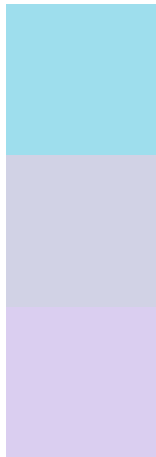
This preview shows how white text looks on a background with the YIQ color 204.5740, -42.9590, -8.9030.

-8.9030.

# 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

204.5740, -42.9590, -8.9030

### Protanopia

211.8670, -6.6950, 5.6970

### Deuteranopia

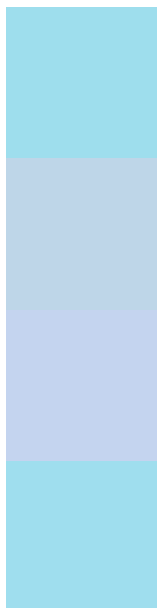
213.4640, -3.7620, 13.1180



## Tritanopia

205.1010, -43.0050, -8.0690

# Trichromacy



## Original Color

204.5740, -42.9590, -8.9030

## Protanomaly

208.8760, -20.0820, 0.5100

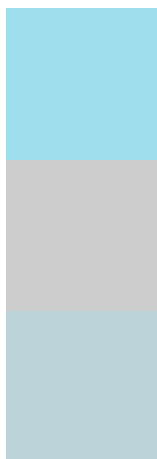
## Deuteranomaly

210.2940, -18.2030, 5.0050

## Tritanomaly

204.9870, -42.6840, -8.3800

# Monochromacy



## Original Color

204.5740, -42.9590, -8.9030

## Achromatopsia

205.0000, -0.0000, 0.0000

## Achromatomaly

204.8070, -15.6340, -3.0100

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 204.5740, -42.9590, -8.9030 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(158, 222, 237)` looks like.

```
.text, #text, p{  
    color:rgb(158, 222, 237)  
}
```

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(158, 222, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 222, 237) }
```

## Border

The CSS property to change the border of an element to YIQ 204.5740, -42.9590, -8.9030 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(158, 222, 237) }
```



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

```
.border{ border-color:rgb(158, 222, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 222, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 222, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 222, 237);  
box-shadow:4px 4px 4px 4px rgb(158, 222,  
237) }
```

# Background

The CSS property to change the background color of an element to YIQ 204.5740, -42.9590, -8.9030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 222, 237) }
```

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

```
.background{ background-color: rgb(158,  
222, 237) }
```

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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