

Converting Colors

YIQ(209.2150, -43.3260,
-7.7580)

Have a look what the booklet for
YIQ(209.2150, -43.3260, -7.7580)
contains.

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Color

**YIQ(209.2150, -43.3260,
-7.7580)**

Conversions

Conversions Part 1

Format	Color
Hex	A3E2F4
RGB	163, 226, 244
RGB Percent	64%, 89%, 96%
CMY	0.3609, 0.1136, 0.0433
CMYK	0.33, 0.07, 0.00, 0.04
HSL	193°, 79%, 80%
HSV	193°, 33%, 96%
XYZ	58.6225, 68.7187, 95.7245
YIQ	209.2150, -43.3260, -7.7580

Conversions

Conversions Part 2

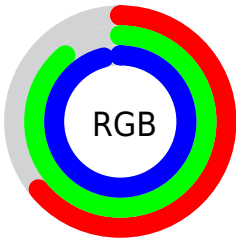
Format	Color
R _Y B	163, 198, 244
Decimal	10740468
CIE Lab	86.36, -15.62, -15.10
CIE LCh	86, 21.726, 224.045
Yxy	68.7187, 0.2628, 0.3081
Android (android.graphics.Color)	4288930548 (0xFFFA3E2F4)
YUV	209.2150, 17.1490, -40.5306
Hunter-Lab	82.8968, -18.8386, -10.4370

Details

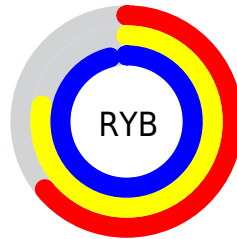
The YIQ color $209.2150, -43.3260, -7.7580$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $197.7850, 43.3260, 7.7580$, and the grayscale version is $209.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $244.5350, -20.8600, -7.4200$, and $154.1010, -43.0050, -8.0690$ is the 20% darker color. If you saturate the color by 10%, you get $199.1040, -56.2550, -10.2310$, and if you desaturate by 10%, it is $219.3260, -30.3970, -5.2850$.

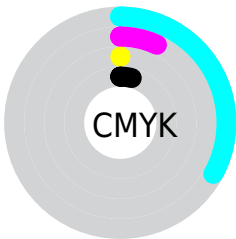
Distribution



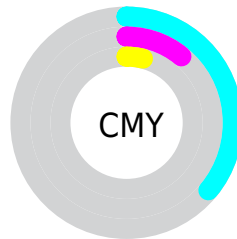
- Red (64%)
- Green (89%)
- Blue (96%)



- Red (64%)
- Yellow (78%)
- Blue (96%)



- Cyan (33%)
- Magenta (7%)
- Yellow (0%)
- Black (4%)



- Cyan (36%)
- Magenta (11%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 209.2150, -43.3260, -7.7580 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 209.2150, -43.3260, -7.7580 by changing the saturation by 10% instead.

■ 209.2150,
-43.3260, -7.7580

■ 209.2150,
-43.3260, -7.7580

■ 255.0000, -0.0000,
-0.0000

■ 181.2150,
-43.3260, -7.7580

■ 244.5350,
-20.8600, -7.4200

■ 154.1010,
-43.0050, -8.0690

■ 253.2060, -3.5760,
-1.2720

■ 127.1010,
-43.0050, -8.0690

■ 100.5030,
-44.1970, -8.4930

■ 73.8830, -48.3230,
-10.8110

■ 50.7800, -46.5350,
-10.1750

■ 34.6570, -32.8270,

-5.2990

■ 20.9960, -20.5400,
-2.2040

■ 2.7530, -6.3740,
5.3860

■ 209.2150,
-43.3260, -7.7580

■ 209.2150,
-43.3260, -7.7580

■ 199.1040,
-56.2550, -10.2310

■ 219.3260,
-30.3970, -5.2850

■ 188.1070,
-69.5050, -12.3930

■ 230.3230,
-17.1470, -3.1230

■ 177.9960,
-82.4340, -14.8660

■ 240.4340, -4.2180,
-0.6500

■ 166.9990,
-95.6840, -17.0280

■ 249.6370, 5.4560,
0.2400

■ 156.8880,
-108.6130, -19.5010

■ 252.5720, 4.0810,
-2.3750

■ 146.7770,
-121.5420, -21.9740

■ 253.7460, 3.5310,
-3.4210

■ 139.3460,
-130.5740, -23.4860

Harmonies

Analogous

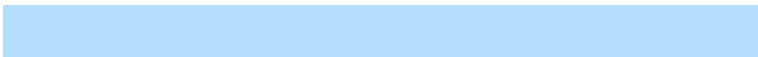
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



207.9240, -38.3730, -14.9250



209.2150, -43.3260, -7.7580



212.6170, -35.3500, 1.8820

Triad

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



209.2150, -43.3260, -7.7580



220.2020, 20.5830, 17.9510



214.4080, 15.8660, -12.2140

Complementary

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



209.2150, -43.3260, -7.7580



197.7850, 43.3260, 7.7580

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.



216.3930, 29.3900, -4.0020



209.2150, -43.3260, -7.7580



218.4170, 29.9830, 12.7910

Square

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



209.2150, -43.3260, -7.7580



219.5080, 2.1060, 16.9060



218.0120, 35.2570, 5.3130



211.8940, -3.2980, -17.3300

Rectangle

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



209.2150, -43.3260, -7.7580



215.0530, -24.7140, 7.3660



218.0120, 35.2570, 5.3130



215.2130, 20.9090, -9.9950

Sweetspot

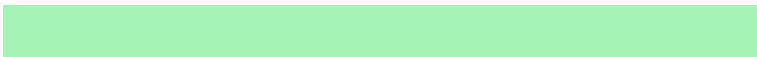
The Sweet Spot groups the original color and five complimentary colors.



209.2150, -43.3260, -7.7580



244.0030, -13.2500, -2.1620



212.5990, -28.0530, -36.7650



120.8680, -8.4360, -1.3000



0.0000, 0.0000, 0.0000



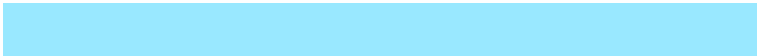
128.0000, -0.0000, -0.0000

Same Dimension

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



209.2150, -43.3260, -7.7580



211.0010, -54.4670, -9.5950



185.7350, -32.3260, 13.1620



117.2380, -6.6020, -1.4980



106.3190, -99.5810, -17.9890



33.7280, -31.5890, -5.7090

Inverse Universe

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



194.4010, 28.0530, 36.7650



192.5040, 35.4330, 46.1930



221.2650, 32.3260, -13.1620



114.7280, 3.9420, 5.6540



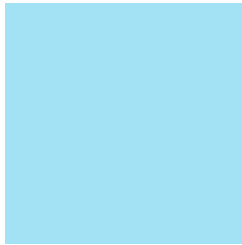
72.1440, 64.3110, 84.5270



22.8850, 20.3980, 26.8140

Previews

White Background



This preview shows how the YIQ color 209.2150, -43.3260, -7.7580 looks on a white background.

Color Contrast Check

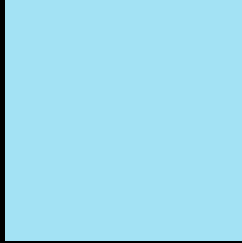
Large Text (above 18pt) WCAG AA × Fail

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 209.2150, -43.3260, -7.7580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

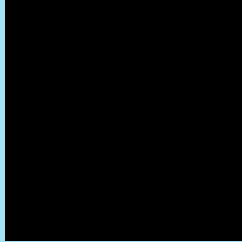
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 209.2150, -43.3260, -7.7580

Background



This preview shows how black text looks on a background with the YIQ color 209.2150, -43.3260, -7.7580.



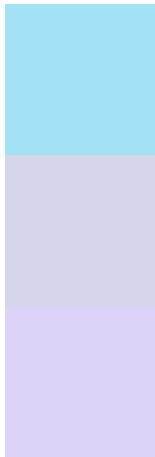
This preview shows how white text looks on a background with the YIQ color 209.2150, -43.3260, -7.7580.

-7.7580.

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

209.2150, -43.3260, -7.7580

Protanopia

216.2090, -7.6580, 6.6300

Deuteranopia

217.5070, -5.3210, 13.8390



Tritanopia

209.2150, -43.3260, -7.7580

Trichromacy



Original Color

209.2150, -43.3260, -7.7580

Protanomaly

213.5170, -20.4490, 1.6550

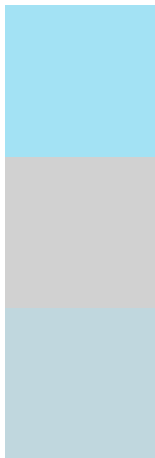
Deuteranomaly

214.6360, -19.1660, 5.9380

Tritanomaly

209.2150, -43.3260, -7.7580

Monochromacy



Original Color

209.2150, -43.3260, -7.7580

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

208.9210, -15.9550, -2.6990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 209.2150, -43.3260, -7.7580 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(163, 226, 244)` looks like.

```
.text, #text, p{  
    color:rgb(163, 226, 244)  
}
```

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(163, 226, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 226, 244) }
```

Border

The CSS property to change the border of an element to YIQ 209.2150, -43.3260, -7.7580 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(163, 226, 244) }
```


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

```
.border{ border-color:rgb(163, 226, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 226, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 226, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 226, 244); box-shadow:4px 4px 4px 4px rgb(163, 226, 244) }
```

Background

The CSS property to change the background color of an element to YIQ 209.2150, -43.3260, -7.7580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 226, 244) }
```

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

```
.background{ background-color: rgb(163,  
226, 244) }
```

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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