

Converting Colors

YIQ(200.5950, -47.4520,
-10.0760)

Have a look what the booklet for
YIQ(200.5950, -47.4520, -10.0760)
contains.

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Color

**YIQ(200.5950, -47.4520,
-10.0760)**

Conversions

Conversions Part 1

Format	Color
Hex	95DCEC
RGB	149, 220, 236
RGB Percent	58%, 86%, 93%
CMY	0.4158, 0.1371, 0.0747
CMYK	0.37, 0.07, 0.00, 0.07
HSL	191°, 70%, 75%
HSV	191°, 37%, 93%
XYZ	53.1210, 63.6410, 88.8021
YIQ	200.5950, -47.4520, -10.0760

Conversions

Conversions Part 2

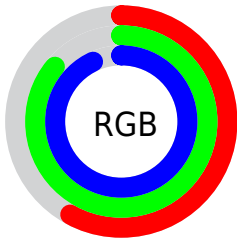
Format	Color
R _{YB}	149, 188, 236
Decimal	9821420
CIE _{Lab}	83.78, -18.22, -14.83
CIE _{LCh}	84, 23.494, 219.136
Y _{xy}	63.6410, 0.2584, 0.3096
Android (android.graphics.Color)	4288011500 (0xFF95DCEC)
YUV	200.5950, 17.4547, -45.2488
Hunter-Lab	79.7753, -20.7468, -10.1561

Details

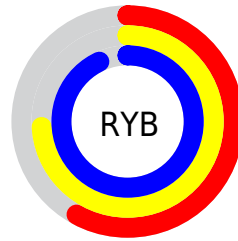
The YIQ color $200.5950, -47.4520, -10.0760$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $184.4050, 47.4520, 10.0760$, and the grayscale version is $200.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $240.3490, -29.2040, -10.3880$, and $145.4810, -47.1310, -10.3870$ is the 20% darker color. If you saturate the color by 10%, you get $191.0710, -60.6560, -13.0720$, and if you desaturate by 10%, it is $210.1190, -34.2480, -7.0800$.

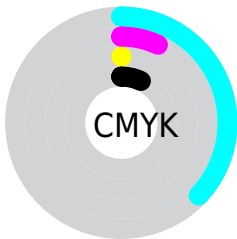
Distribution



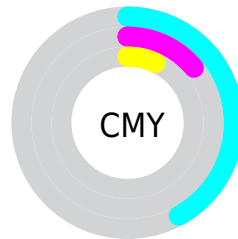
- Red (58%)
- Green (86%)
- Blue (93%)



- Red (58%)
- Yellow (74%)
- Blue (93%)



- Cyan (37%)
- Magenta (7%)
- Yellow (0%)
- Black (7%)



- Cyan (42%)
- Magenta (14%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 200.5950, -47.4520, -10.0760 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 200.5950, -47.4520, -10.0760 by changing the saturation by 10% instead.

■ 200.5950,
-47.4520, -10.0760

■ 200.5950,
-47.4520, -10.0760

■ 255.0000, -0.0000,
-0.0000

■ 172.5950,
-47.4520, -10.0760

■ 240.3490,
-29.2040, -10.3880

■ 145.4810,
-47.1310, -10.3870

■ 249.0200,
-11.9200, -4.2400

■ 118.1820,
-47.7270, -10.5990

■ 91.2740, -50.9820,
-12.1820

■ 63.2840, -56.9420,
-14.3020

■ 47.0470, -42.9130,
-9.7370

■ 30.9240, -29.2050,

-4.8610

■ 17.3770, -17.2390,
-1.4550

■ 1.1400, -3.2100,
3.1100

■ 200.5950,
-47.4520, -10.0760

■ 200.5950,
-47.4520, -10.0760

■ 191.0710,
-60.6560, -13.0720

■ 210.1190,
-34.2480, -7.0800

■ 181.2590,
-72.9890, -15.3330

■ 219.9310,
-21.9150, -4.8190

■ 171.7350,
-86.1930, -18.3290

■ 229.4550, -8.7110,
-1.8230

■ 162.5100,
-98.8010, -21.1130

■ 238.6800, 3.8970,
0.9610

■ 152.3990,
-111.7300, -23.5860

■ 245.2030, 9.6740,
0.8900

■ 142.8750,
-124.9340, -26.5820

■ 247.5510, 8.5740,
-1.2020

■ 140.1950,
-128.8310, -27.5430

■ 249.8990, 7.4740,
-3.2940

■ 252.8340, 6.0990,
-5.9090

Harmonies

Analogous

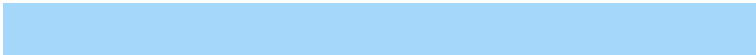
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



200.2720, -39.4730, -17.0170



200.5950, -47.4520, -10.0760



204.0400, -41.0350, 0.2850

Triad

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



200.5950, -47.4520, -10.0760



212.7720, 18.9780, 19.5060



207.5610, 19.8090, -12.0870

Complementary

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



200.5950, -47.4520, -10.0760



184.4050, 47.4520, 10.0760

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.



209.4860, 33.5620, -2.5180



200.5950, -47.4520, -10.0760



212.3790, 33.1460, 16.0420

Square

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



200.5950, -47.4520, -10.0760



211.7680, -1.5620, 17.3020



211.4470, 38.4660, 7.7300



204.6340, 0.3700, -17.7260

Rectangle

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



200.5950, -47.4520, -10.0760



207.1170, -30.7660, 6.9140



211.4470, 38.4660, 7.7300



208.1920, 25.4020, -8.8220

Sweetspot

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



200.5950, -47.4520, -10.0760



243.6930, -15.3130, -3.3210



201.6650, -28.4190, -41.1470



120.5690, -9.0320, -1.5120



0.0000, 0.0000, 0.0000



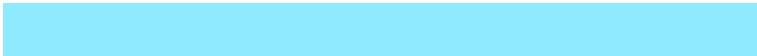
128.0000, -0.0000, -0.0000

Same Dimension

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



200.5950, -47.4520, -10.0760



209.1850, -60.9770, -12.7610



175.9410, -35.9020, 11.8900



112.5370, -6.0060, -1.2860



107.5100, -98.8010, -21.1130



31.9840, -29.4340, -6.2180

Inverse Universe

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



183.1070, 29.0610, 40.5250



186.8620, 37.5410, 52.0450



209.0590, 35.9020, -11.8900



110.3150, 3.6670, 5.1310



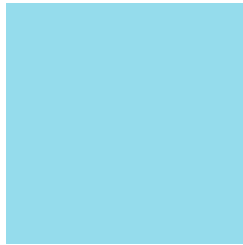
70.9910, 60.3680, 84.4000



21.1620, 18.0600, 25.1320

Previews

White Background



This preview shows how the YIQ color 200.5950, -47.4520, -10.0760 looks on a white background.

Color Contrast Check

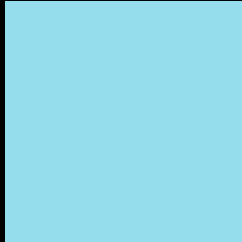
Large Text (above 18pt) WCAG AA × Fail

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 200.5950, -47.4520, -10.0760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

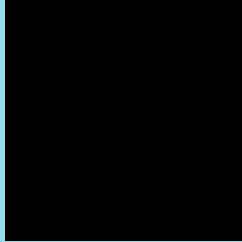
Any Text WCAG AA ✓ Pass

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 200.5950, -47.4520, -10.0760 Background



This preview shows how black text looks on a background with the YIQ color 200.5950, -47.4520, -10.0760.



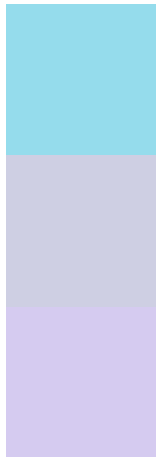
This preview shows how white text looks on a background with the YIQ color 200.5950, -47.4520, -10.0760.

-10.0760.

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

200.5950, -47.4520, -10.0760

Protanopia

208.9810, -7.0160, 6.0080

Deuteranopia

210.2080, -5.9170, 13.6270



Tritanopia

200.7090, -47.7730, -9.7650

Trichromacy



Original Color

200.5950, -47.4520, -10.0760

Protanomaly

205.9790, -21.8700, -0.1260

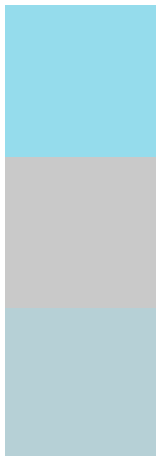
Deuteranomaly

206.7390, -20.9540, 5.3020

Tritanomaly

200.7090, -47.7730, -9.7650

Monochromacy



Original Color

200.5950, -47.4520, -10.0760

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

200.9100, -17.4220, -3.6460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.5950, -47.4520, -10.0760 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(149, 220, 236)` looks like.

```
.text, #text, p{  
    color:rgb(149, 220, 236)  
}
```

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(149, 220, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 220, 236) }
```

Border

The CSS property to change the border of an element to YIQ 200.5950, -47.4520, -10.0760 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(149, 220, 236) }
```


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

```
.border{ border-color:rgb(149, 220, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 220, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 220, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 220, 236);  
box-shadow:4px 4px 4px 4px rgb(149, 220,  
236) }
```

Background

The CSS property to change the background color of an element to YIQ 200.5950, -47.4520, -10.0760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 220, 236) }
```

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

```
.background{ background-color: rgb(149,  
220, 236) }
```

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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