

Converting Colors

YIQ(206.4960, -51.4870,
-8.5350)

Have a look what the booklet for
YIQ(206.4960, -51.4870, -8.5350)
contains.

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Color

**YIQ(206.4960, -51.4870,
-8.5350)**

Conversions

Conversions Part 1

Format	Color
Hex	98E2F9
RGB	152, 226, 249
RGB Percent	60%, 89%, 98%
CMY	0.4041, 0.1136, 0.0237
CMYK	0.39, 0.09, 0.00, 0.02
HSL	194°, 89%, 79%
HSV	194°, 39%, 98%
XYZ	57.2361, 67.9171, 99.6689
YIQ	206.4960, -51.4870, -8.5350

Conversions

Conversions Part 2

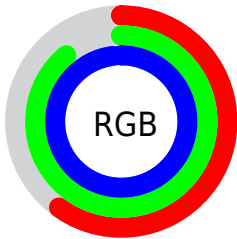
Format	Color
R _Y B	152, 194, 249
Decimal	10019577
CIE Lab	85.96, -17.28, -18.39
CIE LCh	86, 25.232, 226.788
Yxy	67.9171, 0.2546, 0.3021
Android (android.graphics.Color)	4288209657 (0xFF98E2F9)
YUV	206.4960, 20.9545, -47.7930
Hunter-Lab	82.4118, -20.2502, -14.0170

Details

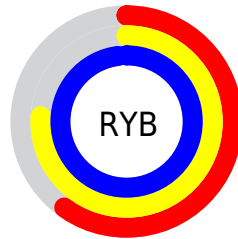
The YIQ color $206.4960, -51.4870, -8.5350$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $194.5040, 51.4870, 8.5350$, and the grayscale version is $206.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $241.2460, -27.4160, -9.7520$, and $151.0830, -51.7620, -9.0580$ is the 20% darker color. If you saturate the color by 10%, you get $195.4990, -64.7370, -10.6970$, and if you desaturate by 10%, it is $217.4930, -38.2370, -6.3730$.

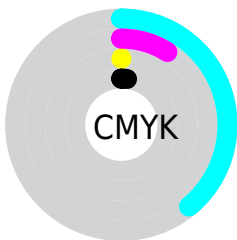
Distribution



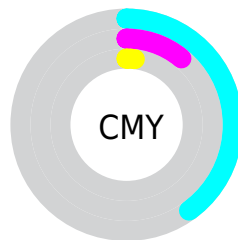
- Red (60%)
- Green (89%)
- Blue (98%)



- Red (60%)
- Yellow (76%)
- Blue (98%)



- Cyan (39%)
- Magenta (9%)
- Yellow (0%)
- Black (2%)



- Cyan (40%)
- Magenta (11%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 206.4960, -51.4870, -8.5350 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 206.4960, -51.4870, -8.5350 by changing the saturation by 10% instead.

■ 206.4960,
-51.4870, -8.5350

■ 206.4960,
-51.4870, -8.5350

■ 255.0000, -0.0000,
-0.0000

■ 178.3820,
-51.1660, -8.8460

■ 241.2460,
-27.4160, -9.7520

■ 150.9690,
-51.4410, -9.3690

■ 250.2160, -9.5360,
-3.3920

■ 123.3710,
-52.6330, -9.7930

■ 95.5770, -56.2090,
-11.0650

■ 67.4730, -61.8480,
-13.4960

■ 51.2360, -47.8190,
-8.9310

■ 34.9990, -33.7900,

-4.3660

■ 21.3380, -21.5030,
-1.2710

■ 3.2090, -7.6580,
6.6300

■ 206.4960,
-51.4870, -8.5350

■ 206.4960,
-51.4870, -8.5350

■ 195.4990,
-64.7370, -10.6970

■ 217.4930,
-38.2370, -6.3730

■ 184.5020,
-77.9870, -12.8590

■ 228.4900,
-24.9870, -4.2110

■ 173.5050,
-91.2370, -15.0210

■ 239.4870,
-11.7370, -2.0490

■ 163.0950,
-104.7620, -17.7060

■ 250.4840, 1.5130,
0.1130

■ 152.0980,
-118.0120, -19.8680

■ 254.3160, 1.9260,
-1.8660

■ 141.4000,
-130.6660, -21.8180

■ 139.9160,
-132.1790, -21.9310

Harmonies

Analogous

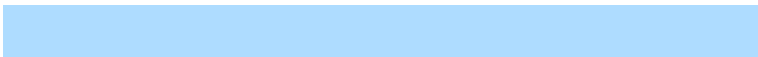
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



205.2650, -46.7630, -17.0590



206.4960, -51.4870, -8.5350



210.2360, -38.6510, 1.1330

Triad

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



206.4960, -51.4870, -8.5350



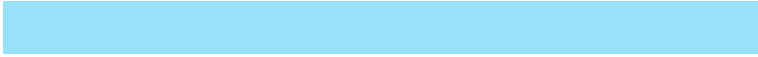
218.9360, 24.3880, 20.5800



212.7130, 16.3250, -15.0270

Complementary

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



206.4960, -51.4870, -8.5350



194.5040, 51.4870, 8.5350

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.



215.1930, 32.8290, -5.7550



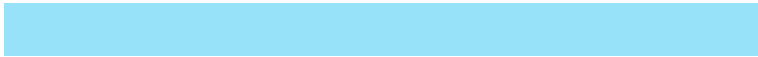
206.4960, -51.4870, -8.5350



215.4990, 32.6880, 13.3280

Square

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



206.4960, -51.4870, -8.5350



218.8720, 4.0770, 19.7330



215.4530, 38.3290, 4.7050



209.6440, -5.5900, -19.8460

Rectangle

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



206.4960, -51.4870, -8.5350



213.2810, -25.3560, 7.9880



215.4530, 38.3290, 4.7050



213.5290, 22.8350, -11.8610

Sweetspot

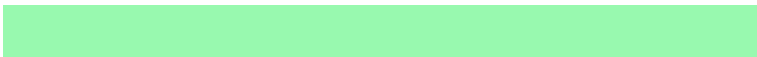
The Sweet Spot groups the original color and five complimentary colors.



206.4960, -51.4870, -8.5350



241.6220, -16.5510, -2.9110



211.5610, -34.0580, -43.5780



119.6830, -9.3530, -1.2010



0.0000, 0.0000, 0.0000



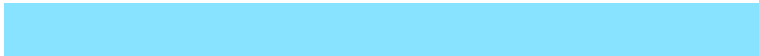
128.0000, -0.0000, -0.0000

Same Dimension

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



206.4960, -51.4870, -8.5350



202.6840, -63.8200, -10.7960



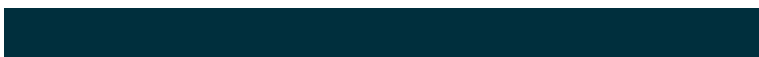
178.3200, -38.2870, 16.5690



119.3520, -6.9230, -1.1870



106.0740, -100.2690, -16.5330



34.5430, -32.5060, -5.6100

Inverse Universe

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



189.4390, 34.0580, 43.5780



181.3680, 41.9880, 54.0520



222.6800, 38.2870, -16.5690



117.0270, 4.5380, 5.8660



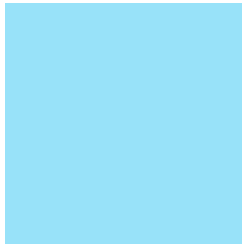
72.9270, 66.4200, 84.8520



23.5970, 21.2690, 27.5490

Previews

White Background



This preview shows how the YIQ color 206.4960, -51.4870, -8.5350 looks on a white background.

Color Contrast Check

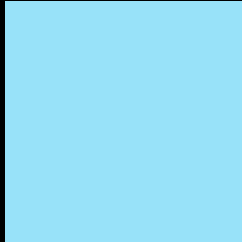
Large Text (above 18pt) WCAG AA × Fail

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 206.4960, -51.4870, -8.5350 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 206.4960, -51.4870, -8.5350

Background



This preview shows how black text looks on a background with the YIQ color 206.4960, -51.4870, -8.5350.



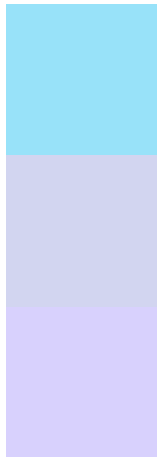
This preview shows how white text looks on a background with the YIQ color 206.4960, -51.4870, -8.5350.

-8.5350.

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

206.4960, -51.4870, -8.5350

Protanopia

215.1810, -10.4550, 7.7610

Deuteranopia

216.1090, -9.9520, 15.1680



Tritanopia

206.3280, -51.0740, -10.5140

Trichromacy



Original Color

206.4960, -51.4870, -8.5350

Protanomaly

212.1790, -25.3090, 1.6270

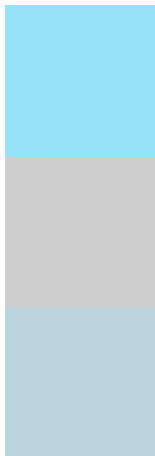
Deuteranomaly

212.6400, -24.9890, 6.8430

Tritanomaly

206.4420, -51.3950, -10.2030

Monochromacy



Original Color

206.4960, -51.4870, -8.5350

Achromatopsia

206.0000, -0.0000, 0.0000

Achromatomaly

205.9530, -18.9810, -2.9250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 206.4960, -51.4870, -8.5350 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(152, 226, 249)` looks like.

```
.text, #text, p{  
    color:rgb(152, 226, 249)  
}
```

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(152, 226, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 226, 249) }
```

Border

The CSS property to change the border of an element to YIQ 206.4960, -51.4870, -8.5350 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(152, 226, 249) }
```


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

```
.border{ border-color:rgb(152, 226, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 226, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 226, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 226, 249);  
box-shadow:4px 4px 4px 4px rgb(152, 226,  
249) }
```

Background

The CSS property to change the background color of an element to YIQ 206.4960, -51.4870, -8.5350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 226, 249) }
```

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

```
.background{ background-color: rgb(152,  
226, 249) }
```

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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