

Converting Colors

YIQ(206.6310, -56.3010,
-9.3970)

Have a look what the booklet for
YIQ(206.6310, -56.3010, -9.3970)
contains.

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Color

**YIQ(206.6310, -56.3010,
-9.3970)**

Conversions

Conversions Part 1

Format	Color
Hex	93E4FD
RGB	147, 228, 253
RGB Percent	58%, 89%, 99%
CMY	0.4237, 0.1057, 0.0081
CMYK	0.42, 0.10, 0.00, 0.01
HSL	194°, 96%, 78%
HSV	194°, 42%, 99%
XYZ	57.4971, 68.7924, 103.1246
YIQ	206.6310, -56.3010, -9.3970

Conversions

Conversions Part 2

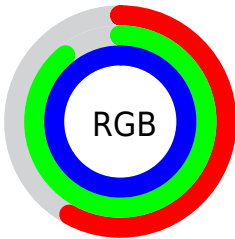
Format	Color
R_{YB}	147, 193, 253
Decimal	9692413
CIE _{Lab}	86.40, -18.52, -19.86
CIE _{LCh}	86, 27.150, 227.002
Yxy	68.7924, 0.2506, 0.2999
Android (android.graphics.Color)	4287882493 (0xFF93E4FD)
YUV	206.6310, 22.8599, -52.2964
Hunter-Lab	82.9412, -21.4060, -15.6592

Details

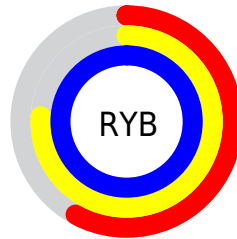
The YIQ color **206.6310, -56.3010, -9.3970** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **193.3690, 56.3010, 9.3970**, and the grayscale version is **206.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **240.0500, -29.8000, -10.6000**, and **150.2180, -56.5760, -9.9200** is the 20% darker color. If you saturate the color by 10%, you get **195.6340, -69.5510, -11.5590**, and if you desaturate by 10%, it is **217.6280, -43.0510, -7.2350**.

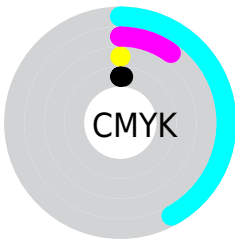
Distribution



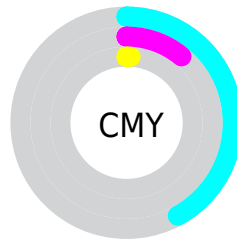
- Red (58%)
- Green (89%)
- Blue (99%)



- Red (58%)
- Yellow (76%)
- Blue (99%)



- Cyan (42%)
- Magenta (10%)
- Yellow (0%)
- Black (1%)



- Cyan (42%)
- Magenta (11%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 206.6310, -56.3010, -9.3970 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 206.6310, -56.3010, -9.3970 by changing the saturation by 10% instead.

206.6310,
-56.3010, -9.3970

206.6310,
-56.3010, -9.3970

255.0000, -0.0000,
-0.0000

178.2180,
-56.5760, -9.9200

240.0500,
-29.8000, -10.6000

150.8050,
-56.8510, -10.4430

248.7210,
-12.5160, -4.4520

122.6090,
-59.2350, -11.2910

93.0210, -66.3870,
-13.8350

69.1030, -63.6820,
-13.2980

52.1650, -49.0570,
-8.5210

36.6290, -35.6240,

-4.1680

■ 22.2670, -22.7410,
-0.8610

■ 3.5510, -8.6210,
7.5630

■ 206.6310,
-56.3010, -9.3970

■ 206.6310,
-56.3010, -9.3970

■ 195.6340,
-69.5510, -11.5590

■ 217.6280,
-43.0510, -7.2350

■ 184.3380,
-83.3970, -13.9330

■ 228.9240,
-29.2050, -4.8610

■ 173.3410,
-96.6470, -16.0950

■ 239.9210,
-15.9550, -2.6990

■ 162.3440,
-109.8970, -18.2570

■ 250.9180, -2.7050,
-0.5370

■ 151.0480,
-123.7430, -20.6310

254.7720, 0.6420,
-0.6220

■ 142.7200,
-134.5630, -22.7790

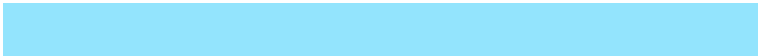
Harmonies

Analogous

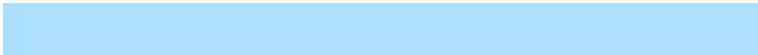
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



205.1720, -50.9350, -18.5430



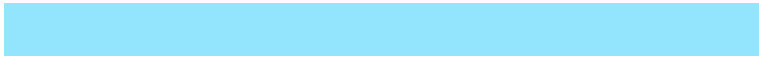
206.6310, -56.3010, -9.3970



210.5130, -40.9890, -0.5490

Triad

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



206.6310, -56.3010, -9.3970



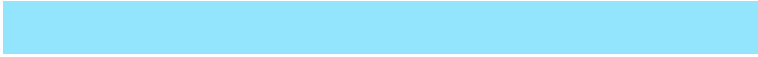
219.1640, 23.7460, 21.2020



213.3710, 17.2880, -15.9600

Complementary

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



206.6310, -56.3010, -9.3970



193.3690, 56.3010, 9.3970

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.



216.4490, 34.9840, -6.2640



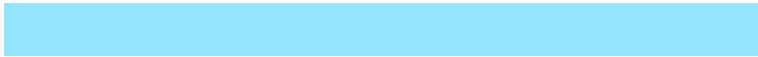
206.6310, -56.3010, -9.3970



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.



206.6310, -56.3010, -9.3970



220.2250, 4.5810, 21.6130



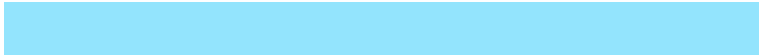
215.9260, 38.3750, 3.8710



210.2910, -6.0940, -21.7260

Rectangle

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



206.6310, -56.3010, -9.3970



213.8680, -25.6310, 7.4650



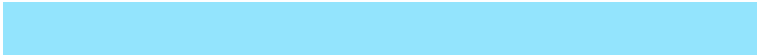
215.9260, 38.3750, 3.8710



214.0730, 24.1190, -13.1050

Sweetspot

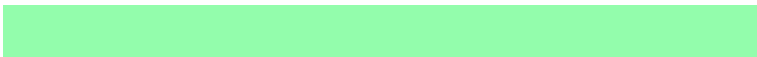
The Sweet Spot groups the original color and five complimentary colors.



206.6310, -56.3010, -9.3970



240.4370, -17.4680, -2.8120



212.0720, -37.1750, -47.6630



118.7860, -11.1410, -1.8370



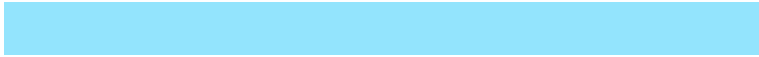
0.0000, 0.0000, 0.0000



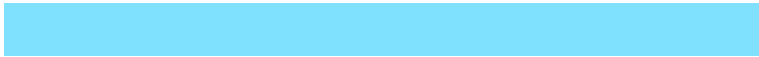
128.0000, -0.0000, -0.0000

Same Dimension

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



206.6310, -56.3010, -9.3970



199.4170, -67.4420, -11.2340



175.5200, -41.7260, 18.3220



122.3520, -6.9230, -1.1870



107.4760, -101.4610, -16.9570



36.0590, -34.0190, -5.7230

Inverse Universe

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



187.9280, 37.1750, 47.6630



177.0310, 44.5550, 57.0910



224.4800, 41.7260, -18.3220



120.0270, 4.5380, 5.8660



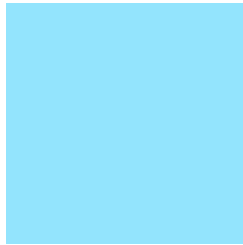
73.7530, 66.9700, 85.8980



24.7220, 22.4150, 28.8070

Previews

White Background



This preview shows how the YIQ color 206.6310, -56.3010, -9.3970 looks on a white background.

Color Contrast Check

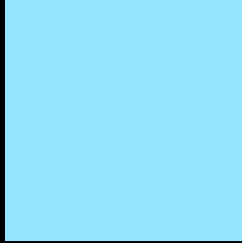
Large Text (above 18pt) WCAG AA × Fail

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 206.6310, -56.3010, -9.3970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

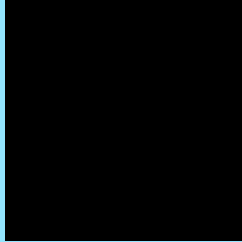
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 206.6310, -56.3010, -9.3970

Background



This preview shows how black text looks on a background with the YIQ color 206.6310, -56.3010, -9.3970.



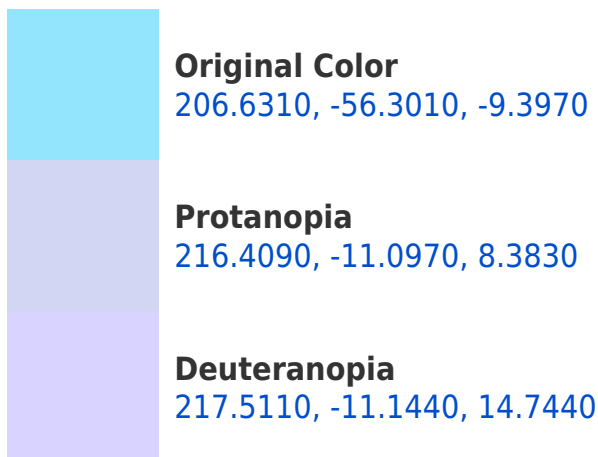
This preview shows how white text looks on a background with the YIQ color 206.6310, -56.3010, -9.3970.

-9.3970.

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





Tritanopia

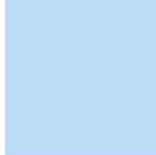
205.9360, -55.8420, -12.2100

Trichromacy



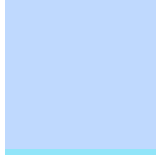
Original Color

206.6310, -56.3010, -9.3970



Protanomaly

212.9230, -27.4640, 2.1360



Deuteranomaly

213.4440, -27.3730, 5.9950



Tritanomaly

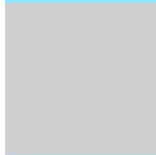
206.4630, -55.8880, -11.3760

Monochromacy



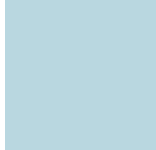
Original Color

206.6310, -56.3010, -9.3970



Achromatopsia

207.0000, 0.0000, -0.0000



Achromatomaly

207.0560, -20.7690, -3.5610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 206.6310, -56.3010, -9.3970 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(147, 228, 253)` looks like.

```
.text, #text, p{  
    color:rgb(147, 228, 253)  
}
```

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(147, 228, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 228, 253) }
```

Border

The CSS property to change the border of an element to YIQ 206.6310, -56.3010, -9.3970 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(147, 228, 253) }
```


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

```
.border{ border-color:rgb(147, 228, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 228, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 228, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 228, 253); box-shadow:4px 4px 4px 4px rgb(147, 228, 253) }
```

Background

The CSS property to change the background color of an element to YIQ 206.6310, -56.3010, -9.3970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 228, 253) }
```

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

```
.background{ background-color: rgb(147,  
228, 253) }
```

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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