

Converting Colors

YIQ(217.5950, -47.4520,
-10.0760)

Have a look what the booklet for
YIQ(217.5950, -47.4520, -10.0760)
contains.

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Color

**YIQ(217.5950, -47.4520,
-10.0760)**

Conversions

Conversions Part 1

Format	Color
Hex	A6EDFD
RGB	166, 237, 253
RGB Percent	65%, 93%, 99%
CMY	0.3492, 0.0705, 0.0080
CMYK	0.34, 0.06, 0.00, 0.01
HSL	191°, 95%, 82%
HSV	191°, 34%, 99%
XYZ	63.7317, 75.7769, 104.1531
YIQ	217.5950, -47.4520, -10.0760

Conversions

Conversions Part 2

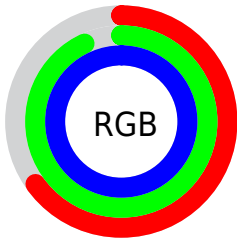
Format	Color
R_{YB}	166, 205, 253
Decimal	10939901
CIE _{Lab}	89.76, -18.21, -14.72
CIE _{LCh}	90, 23.419, 218.955
Yxy	75.7769, 0.2616, 0.3110
Android (android.graphics.Color)	4289129981 (0xFFA6EDFD)
YUV	217.5950, 17.4547, -45.2488
Hunter-Lab	87.0499, -21.6525, -10.0041

Details

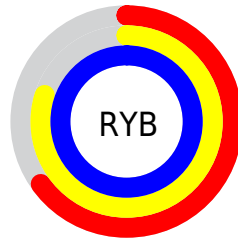
The YIQ color **217.5950, -47.4520, -10.0760** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **201.4050, 47.4520, 10.0760**, and the grayscale version is **217.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **245.4320, -19.0720, -6.7840**, and **161.4810, -47.1310, -10.3870** is the 20% darker color. If you saturate the color by 10%, you get **207.1850, -60.9770, -12.7610**, and if you desaturate by 10%, it is **228.0050, -33.9270, -7.3910**.

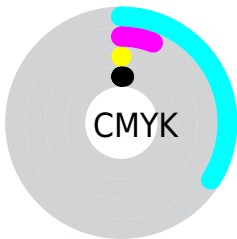
Distribution



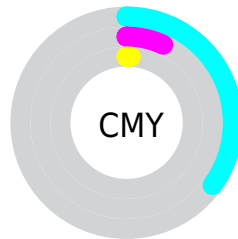
- Red (65%)
- Green (93%)
- Blue (99%)



- Red (65%)
- Yellow (80%)
- Blue (99%)



- Cyan (34%)
- Magenta (6%)
- Yellow (0%)
- Black (1%)



- Cyan (35%)
- Magenta (7%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 217.5950, -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 217.5950, -47.4520, -10.0760 by changing the saturation by 10% instead.

217.5950,
-47.4520, -10.0760

217.5950,
-47.4520, -10.0760

255.0000, -0.0000,
-0.0000

189.4810,
-47.1310, -10.3870

245.4320,
-19.0720, -6.7840

161.4810,
-47.1310, -10.3870

254.4020, -1.1920,
-0.4240

134.4810,
-47.1310, -10.3870

107.5840,
-48.9190, -11.0230

79.7790, -53.9620,
-13.2420

56.8610, -51.2570,
-12.7050

40.7380, -37.5490,

-7.8290

■ 25.2020, -24.1160,
-3.4760

■ 3.5510, -8.6210,
7.5630

■ 217.5950,
-47.4520, -10.0760

■ 217.5950,
-47.4520, -10.0760

■ 207.1850,
-60.9770, -12.7610

■ 228.0050,
-33.9270, -7.3910

■ 197.0630,
-75.3730, -16.1810

■ 238.1270,
-19.5310, -3.9710

■ 186.6530,
-88.8980, -18.8660

■ 248.5370, -6.0060,
-1.2860

■ 176.8300,
-102.6980, -22.0740

■ 254.7720, 0.6420,
-0.6220

■ 166.1210,
-116.8190, -24.9710

■ 155.7110,
-130.3440, -27.6560

■ 150.3510,
-138.1380, -29.5780

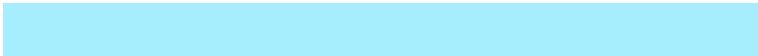
Harmonies

Analogous

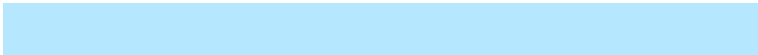
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



217.2720, -39.4730, -17.0170



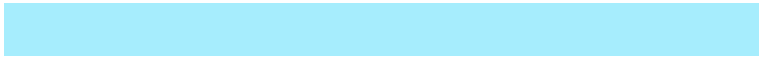
217.5950, -47.4520, -10.0760



219.3730, -37.7790, -3.6590

Triad

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



217.5950, -47.4520, -10.0760



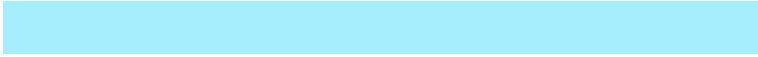
228.2770, 15.9980, 18.4460



223.9740, 20.0840, -11.5640

Complementary

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



217.5950, -47.4520, -10.0760



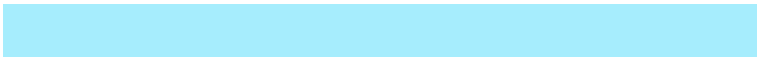
201.4050, 47.4520, 10.0760

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.



225.8880, 32.3700, -2.9420



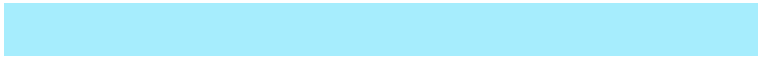
217.5950, -47.4520, -10.0760



224.5950, 23.6100, 12.6500

Square

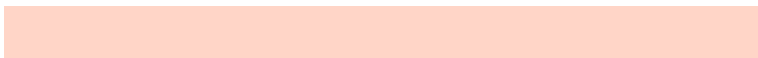
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



217.5950, -47.4520, -10.0760



228.1980, 0.0430, 15.7470



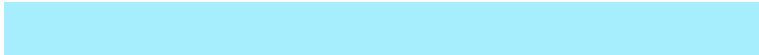
223.9620, 29.5260, 4.5500



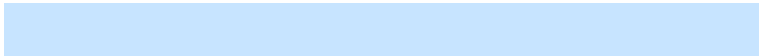
221.5200, 0.6910, -18.0370

Rectangle

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



217.5950, -47.4520, -10.0760



222.4070, -25.9510, 2.2490



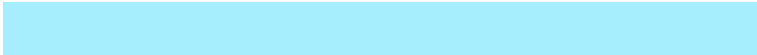
223.9620, 29.5260, 4.5500



225.0780, 25.7230, -9.1330

Sweetspot

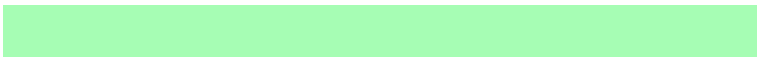
The Sweet Spot groups the original color and five complimentary colors.



217.5950, -47.4520, -10.0760



244.5900, -13.5250, -2.6850



218.6650, -28.4190, -41.1470



121.4550, -8.7110, -1.8230



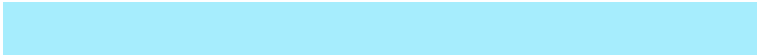
0.0000, 0.0000, 0.0000



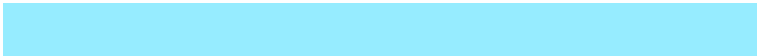
128.0000, -0.0000, -0.0000

Same Dimension

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



217.5950, -47.4520, -10.0760



212.4520, -57.3550, -12.3230



192.9410, -35.9020, 11.8900



122.3520, -6.9230, -1.1870



113.3460, -104.2110, -22.1870



37.8200, -34.8440, -7.2920

Inverse Universe

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



200.1070, 29.0610, 40.5250



191.1990, 34.9740, 49.0060



226.0590, 35.9020, -11.8900



120.0270, 4.5380, 5.8660



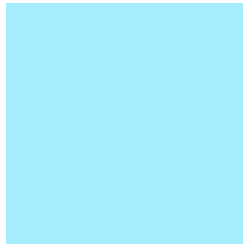
74.8930, 63.7600, 89.0080



25.0640, 21.4520, 29.7400

Previews

White Background



This preview shows how the YIQ color 217.5950, -47.4520, -10.0760 looks on a white background.

Color Contrast Check

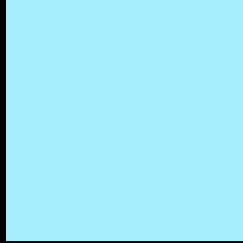
Large Text (above 18pt) WCAG AA × Fail

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 217.5950, -47.4520, -10.0760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

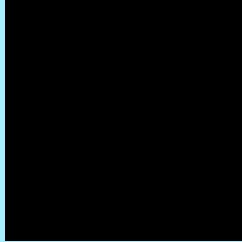
Any Text WCAG AA ✓ Pass

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 217.5950, -47.4520, -10.0760 Background



This preview shows how black text looks on a background with the YIQ color 217.5950, -47.4520, -10.0760.



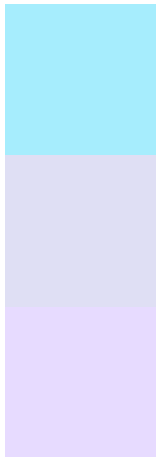
This preview shows how white text looks on a background with the YIQ color 217.5950, -47.4520, -10.0760.

-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

217.5950, -47.4520, -10.0760

Protanopia

225.3940, -6.7410, 6.5310

Deuteranopia

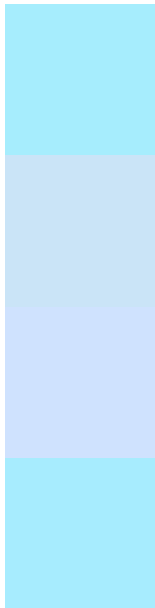
226.6920, -4.4040, 13.7400



Tritanopia

217.8340, -46.6270, -8.5070

Trichromacy



Original Color

217.5950, -47.4520, -10.0760

Protanomaly

222.3920, -21.5950, 0.3970

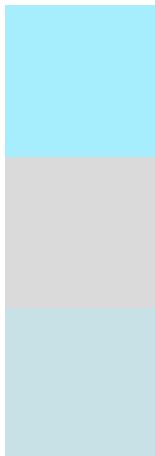
Deuteranomaly

223.5110, -20.3120, 4.6800

Tritanomaly

217.4210, -46.9020, -9.0300

Monochromacy



Original Color

217.5950, -47.4520, -10.0760

Achromatopsia

218.0000, -0.0000, 0.0000

Achromatomaly

217.9100, -17.4220, -3.6460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.5950, -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(166, 237, 253)` looks like.

```
.text, #text, p{  
    color:rgb(166, 237, 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(166, 237, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 237, 253) }
```

Border

The CSS property to change the border of an element to YIQ 217.5950, -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(166, 237, 253) }
```


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

```
.border{ border-color:rgb(166, 237, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 237, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 237, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 237, 253);  
box-shadow:4px 4px 4px 4px rgb(166, 237,  
253) }
```

Background

The CSS property to change the background color of an element to YIQ 217.5950, -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(166, 237, 253) }
```

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

```
.background{ background-color: rgb(166,  
237, 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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