

Converting Colors

YIQ(216.3060, -54.0080,
-12.4080)

Have a look what the booklet for
YIQ(216.3060, -54.0080, -12.4080)
contains.

YIQ(216.3060, -54.0080, -12.4080)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(216.3060, -54.0080,
-12.4080)**

Conversions

Conversions Part 1

Format	Color
Hex	9DEFFF
RGB	157, 239, 255
RGB Percent	62%, 94%, 100%
CMY	0.3845, 0.0626, 0.0002
CMYK	0.38, 0.06, 0.00, 0.00
HSL	190°, 100%, 81%
HSV	190°, 38%, 100%
XYZ	62.8127, 76.1328, 105.9435
YIQ	216.3060, -54.0080, -12.4080

Conversions

Conversions Part 2

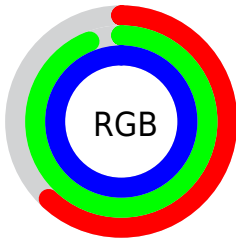
Format	Color
RYB	157, 202, 255
Decimal	10350591
CIELab	89.92, -21.04, -15.56
CIElCh	90, 26.168, 216.490
Yxy	76.1328, 0.2565, 0.3109
Android (android.graphics.Color)	4288540671 (0xFF9DEFFF)
YUV	216.3060, 19.0761, -52.0114
Hunter-Lab	87.2541, -24.1957, -10.9117

Details

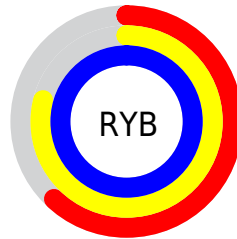
The YIQ color **216.3060, -54.0080, -12.4080** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **195.6940, 54.0080, 12.4080**, and the grayscale version is **216.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **243.0400, -23.8400, -8.4800**, and **159.8930, -54.2830, -12.9310** is the 20% darker color. If you saturate the color by 10%, you get **206.1840, -68.4040, -15.8280**, and if you desaturate by 10%, it is **226.1290, -40.2080, -9.2000**.

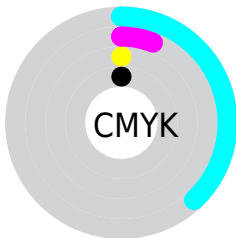
Distribution



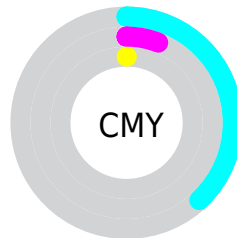
- Red (62%)
- Green (94%)
- Blue (100%)



- Red (62%)
- Yellow (79%)
- Blue (100%)



- Cyan (38%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (38%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 216.3060, -54.0080, -12.4080 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 216.3060, -54.0080, -12.4080 by changing the saturation by 10% instead.

216.3060,
-54.0080, -12.4080

216.3060,
-54.0080, -12.4080

255.0000, -0.0000,
-0.0000

188.1920,
-53.6870, -12.7190

243.0400,
-23.8400, -8.4800

159.8930,
-54.2830, -12.9310

251.7110, -6.5560,
-2.3320

132.2950,
-55.4750, -13.3550

104.3870,
-58.7300, -14.9380

74.6140, -66.7990,
-17.3830

57.6760, -52.1740,
-12.6060

41.4390, -38.1450,

-8.0410

■ 26.0170, -25.0330,
-3.3770

■ 3.7790, -9.2630,
8.1850

■ 216.3060,
-54.0080, -12.4080

■ 216.3060,
-54.0080, -12.4080

■ 206.1840,
-68.4040, -15.8280

■ 226.1290,
-40.2080, -9.2000

■ 196.3610,
-82.2040, -19.0360

■ 236.2510,
-25.8120, -5.7800

■ 186.2390,
-96.6000, -22.4560

■ 246.0740,
-12.0120, -2.5720

■ 175.8290,
-110.1250, -25.1410

■ 255.0000, -0.0000,
-0.0000

■ 165.7070,
-124.5210, -28.5610

■ 155.8840,
-138.3210, -31.7690

■ 154.6880,
-140.7050, -32.6170

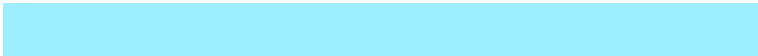
Harmonies

Analogous

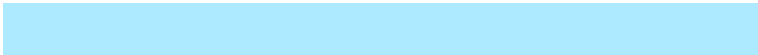
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



216.2390, -43.8740, -19.8580



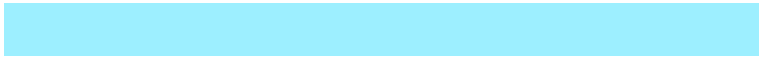
216.3060, -54.0080, -12.4080



218.1550, -43.0970, -6.4010

Triad

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



216.3060, -54.0080, -12.4080



228.2600, 14.6680, 20.5240



224.6000, 24.0730, -12.2710

Complementary

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



216.3060, -54.0080, -12.4080



195.6940, 54.0080, 12.4080

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.



224.8450, 33.9290, -3.6630



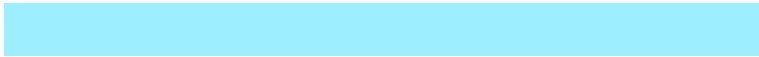
216.3060, -54.0080, -12.4080



223.5350, 23.8390, 14.0070

Square

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



216.3060, -54.0080, -12.4080



227.8990, -0.5530, 15.5350



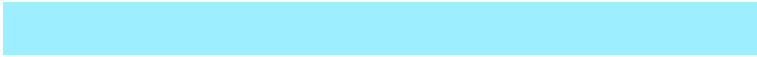
222.6740, 30.3970, 5.2850



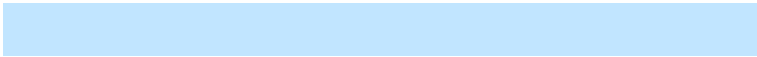
221.8360, 2.6170, -19.9030

Rectangle

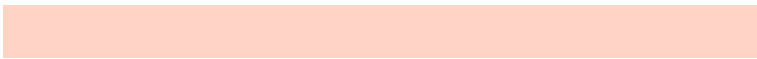
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



216.3060, -54.0080, -12.4080



221.2000, -29.8020, 0.4540



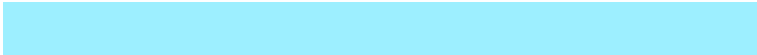
222.6740, 30.3970, 5.2850



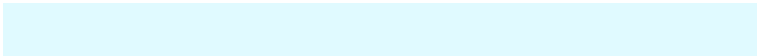
225.1170, 29.9870, -9.3170

Sweetspot

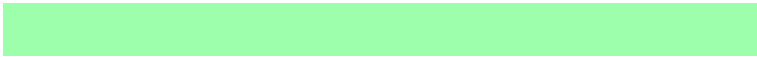
The Sweet Spot groups the original color and five complimentary colors.



216.3060, -54.0080, -12.4080



242.7960, -17.1010, -3.9570



216.2360, -31.7650, -46.5890



120.8570, -9.9030, -2.2470



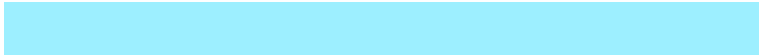
0.0000, 0.0000, 0.0000



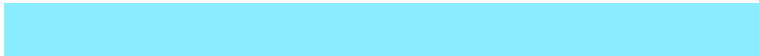
128.0000, -0.0000, -0.0000

Same Dimension

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



216.3060, -54.0080, -12.4080



208.8640, -64.5070, -14.8670



188.1300, -40.8080, 12.6960



122.3520, -6.9230, -1.1870



115.6940, -105.3110, -24.2790



38.4070, -35.1190, -7.8150

Inverse Universe

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



195.6500, 32.0860, 46.2780



184.1550, 38.2740, 55.2820



223.8700, 40.8080, -12.6960



120.0270, 4.5380, 5.8660



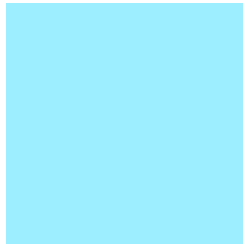
75.3490, 62.4760, 90.2520



25.1780, 21.1310, 30.0510

Previews

White Background



This preview shows how the YIQ color 216.3060, -54.0080, -12.4080 looks on a white background.

Color Contrast Check

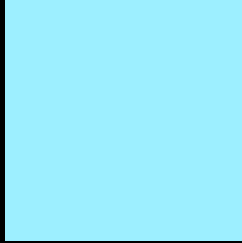
Large Text (above 18pt) WCAG AA × Fail

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 216.3060, -54.0080, -12.4080 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 216.3060, -54.0080, -12.4080 Background



This preview shows how black text looks on a background with the YIQ color 216.3060, -54.0080, -12.4080.



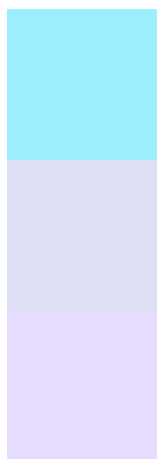
This preview shows how white text looks on a background with the YIQ color 216.3060, -54.0080, -12.4080.

-12.4080.

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

216.3060, -54.0080, -12.4080

Protanopia

226.0950, -7.3370, 6.3190

Deuteranopia

226.9800, -5.2750, 13.0050



Tritanopia

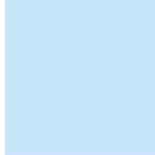
217.5240, -48.6900, -9.6660

Trichromacy



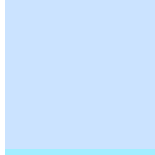
Original Color

216.3060, -54.0080, -12.4080



Protanomaly

222.3100, -24.3000, -0.1400



Deuteranomaly

223.0160, -23.2920, 3.6200



Tritanomaly

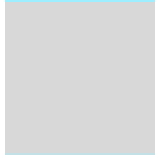
217.2140, -50.7530, -10.8250

Monochromacy



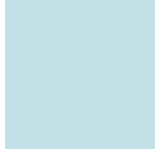
Original Color

216.3060, -54.0080, -12.4080



Achromatopsia

216.0000, -0.0000, 0.0000



Achromatomaly

216.0130, -19.2100, -4.2820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 216.3060, -54.0080, -12.4080 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(157, 239, 255)` looks like.

```
.text, #text, p{  
    color:rgb(157, 239, 255)  
}
```

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(157, 239, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 239, 255) }
```

Border

The CSS property to change the border of an element to YIQ 216.3060, -54.0080, -12.4080 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(157, 239, 255) }
```


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

```
.border{ border-color:rgb(157, 239, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 239, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 239, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 239, 255);  
box-shadow:4px 4px 4px 4px rgb(157, 239,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 216.3060, -54.0080, -12.4080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 239, 255) }
```

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

```
.background{ background-color: rgb(157,  
239, 255) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor