

Converting Colors

YIQ(204.3590, -61.5270,
-13.8070)

Have a look what the booklet for
YIQ(204.3590, -61.5270, -13.8070)
contains.

YIQ(204.3590, -61.5270, -13.8070)	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(204.3590, -61.5270,
-13.8070)**

Conversions

Conversions Part 1

Format	Color
Hex	89E6F9
RGB	137, 230, 249
RGB Percent	54%, 90%, 98%
CMY	0.4629, 0.0979, 0.0238
CMYK	0.45, 0.08, 0.00, 0.02
HSL	190°, 90%, 76%
HSV	190°, 45%, 98%
XYZ	55.7041, 68.7647, 99.9056
YIQ	204.3590, -61.5270, -13.8070

Conversions

Conversions Part 2

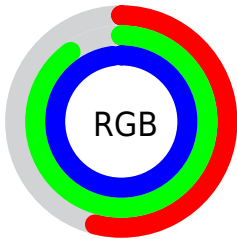
Format	Color
R_{YB}	137, 188, 249
Decimal	9037561
CIE _{Lab}	86.39, -22.90, -17.81
CIE _{LCh}	86, 29.012, 217.883
Yxy	68.7647, 0.2483, 0.3065
Android (android.graphics.Color)	4287227641 (0xFF89E6F9)
YUV	204.3590, 22.0080, -59.0738
Hunter-Lab	82.9245, -25.2115, -13.3841

Details

The YIQ color **204.3590, -61.5270, -13.8070** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **181.6410, 61.5270, 13.8070**, and the grayscale version is **204.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **237.0600, -35.7600, -12.7200**, and **147.4620, -63.3150, -14.4430** is the 20% darker color. If you saturate the color by 10%, you get **194.5360, -75.3270, -17.0150**, and if you desaturate by 10%, it is **214.1820, -47.7270, -10.5990**.

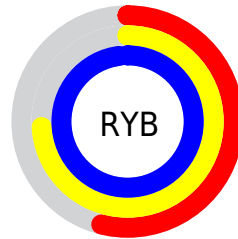
Distribution



Red (54%)

Green (90%)

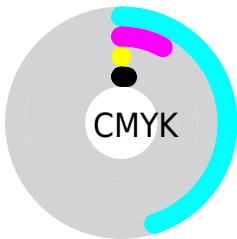
Blue (98%)



Red (54%)

Yellow (74%)

Blue (98%)

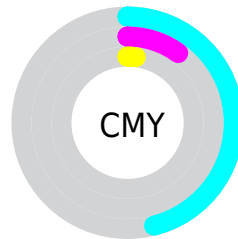


Cyan (45%)

Magenta (8%)

Yellow (0%)

Black (2%)



Cyan (46%)

Magenta (10%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 204.3590, -61.5270, -13.8070 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 204.3590, -61.5270, -13.8070 by changing the saturation by 10% instead.

204.3590,
-61.5270, -13.8070

204.3590,
-61.5270, -13.8070

255.0000, -0.0000,
-0.0000

175.9460,
-61.8020, -14.3300

237.0600,
-35.7600, -12.7200

147.3480,
-62.9940, -14.7540

246.0300,
-17.8800, -6.3600

118.8420,
-67.4410, -16.7610

87.4600, -78.1690,
-20.5770

69.8210, -62.9480,
-15.5880

52.4100, -48.3690,
-9.9770

36.8740, -34.9360,

-5.6240

■ 22.5120, -22.0530,
-2.3170

■ 3.2090, -7.6580,
6.6300

■ 204.3590,
-61.5270, -13.8070

■ 204.3590,
-61.5270, -13.8070

■ 194.5360,
-75.3270, -17.0150

■ 214.1820,
-47.7270, -10.5990

■ 184.7130,
-89.1270, -20.2230

■ 224.0050,
-33.9270, -7.3910

■ 174.3030,
-102.6520, -22.9080

■ 234.4150,
-20.4020, -4.7060

■ 164.4800,
-116.4520, -26.1160

■ 244.2380, -6.6020,
-1.4980

■ 154.6570,
-130.2520, -29.3240

■ 251.9680, 3.0260,
0.2260

■ 149.8950,
-136.8540, -30.8220

■ 254.3160, 1.9260,
-1.8660

Harmonies

Analogous

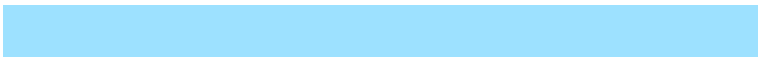
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



204.3630, -50.1550, -21.6670



204.3590, -61.5270, -13.8070



208.0880, -50.1580, -5.0860

Triad

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



204.3590, -61.5270, -13.8070



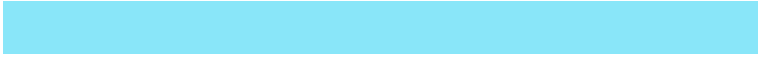
220.0760, 21.1780, 23.6900



214.3180, 24.8070, -14.5610

Complementary

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



204.3590, -61.5270, -13.8070



181.6410, 61.5270, 13.8070

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.



216.9660, 40.8980, -3.3100



204.3590, -61.5270, -13.8070



215.2370, 30.6700, 16.8620

Square

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



204.3590, -61.5270, -13.8070



219.3490, -1.7000, 19.8040



214.6210, 37.9160, 6.6840



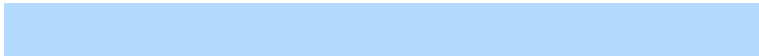
211.1840, 1.5170, -21.9950

Rectangle

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



204.3590, -61.5270, -13.8070



211.4430, -34.8000, 2.9280



214.6210, 37.9160, 6.6840



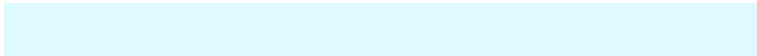
215.1340, 31.3170, -11.3950

Sweetspot

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



204.3590, -61.5270, -13.8070



241.6110, -18.0180, -3.8580



204.9100, -36.8990, -52.6670



119.3730, -11.4160, -2.3600



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

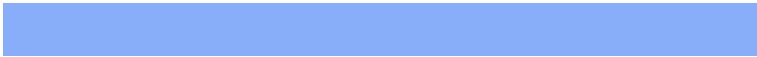
The Same Dimension uses a secret algorithm to generate beautiful new colors.



204.3590, -61.5270, -13.8070



200.2370, -75.9230, -17.2270



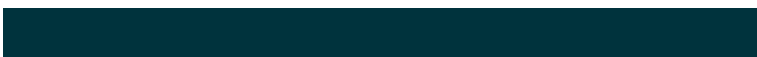
171.4870, -46.1270, 15.4810



119.9390, -7.1980, -1.7100



113.7050, -103.8440, -23.3320



36.8910, -33.6060, -7.7020

Inverse Universe

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



181.0900, 36.8990, 52.6670



171.3720, 45.3330, 65.0210



214.5130, 46.1270, -15.4810



117.1410, 4.2170, 6.1770



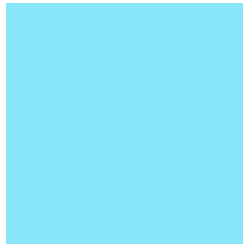
74.4090, 62.2470, 88.8950



24.0530, 19.9850, 28.7930

Previews

White Background



This preview shows how the YIQ color 204.3590, -61.5270, -13.8070 looks on a white background.

Color Contrast Check

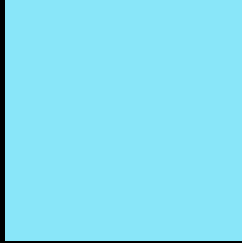
Large Text (above 18pt) WCAG AA × Fail

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 204.3590, -61.5270, -13.8070 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 204.3590, -61.5270, -13.8070 Background



This preview shows how black text looks on a background with the YIQ color 204.3590, -61.5270, -13.8070.



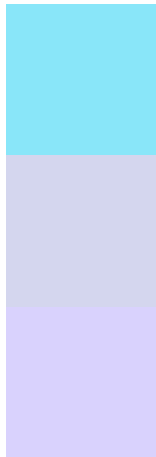
This preview shows how white text looks on a background with the YIQ color 204.3590, -61.5270, -13.8070.

-13.8070.

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

204.3590, -61.5270, -13.8070

Protanopia

216.1380, -8.8960, 7.0400

Deuteranopia

216.9950, -9.6310, 14.8570



Tritanopia

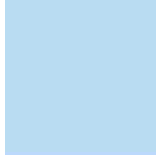
204.3590, -61.5270, -13.8070

Trichromacy



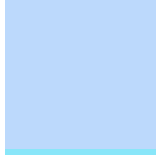
Original Color

204.3590, -61.5270, -13.8070



Protanomaly

212.0430, -27.9220, -0.5780



Deuteranomaly

212.3190, -28.5190, 4.7370



Tritanomaly

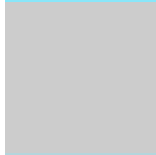
204.3590, -61.5270, -13.8070

Monochromacy



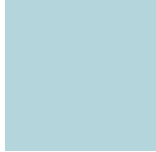
Original Color

204.3590, -61.5270, -13.8070



Achromatopsia

204.0000, -0.0000, -0.0000



Achromatomaly

203.9310, -21.9150, -4.8190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.3590, -61.5270, -13.8070 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(137, 230, 249)` looks like.

```
.text, #text, p{  
    color:rgb(137, 230, 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(137, 230, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 230, 249) }
```

Border

The CSS property to change the border of an element to YIQ 204.3590, -61.5270, -13.8070 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(137, 230, 249) }
```


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

```
.border{ border-color:rgb(137, 230, 249) }
```

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

Here you see how a box with a 4 pixel rgb(137, 230, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 230, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 230, 249);  
box-shadow:4px 4px 4px 4px rgb(137, 230,  
249) }
```

Background

The CSS property to change the background color of an element to YIQ 204.3590, -61.5270, -13.8070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 230, 249) }
```

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

```
.background{ background-color: rgb(137,  
230, 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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