

Converting Colors

YIQ(223.2050, -37.3660,
-5.6380)

Have a look what the booklet for
YIQ(223.2050, -37.3660, -5.6380)
contains.

YIQ(223.2050, -37.3660, -5.6380)	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(223.2050, -37.3660,
-5.6380)**

Conversions

Conversions Part 1

Format	Color
Hex	B8EDFF
RGB	184, 237, 255
RGB Percent	72%, 93%, 100%
CMY	0.2785, 0.0705, 0.0002
CMYK	0.28, 0.07, 0.00, 0.00
HSL	195°, 100%, 86%
HSV	195°, 28%, 100%
XYZ	68.0941, 77.9854, 106.0366
YIQ	223.2050, -37.3660, -5.6380

Conversions

Conversions Part 2

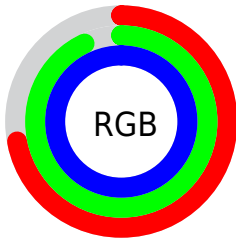
Format	Color
RYB	184, 214, 255
Decimal	12119551
CIELab	90.77, -12.83, -14.15
CIELCh	91, 19.102, 227.797
Yxy	77.9854, 0.2701, 0.3093
Android (android.graphics.Color)	4290309631 (0xFFB8EDFF)
YUV	223.2050, 15.6749, -34.3828
Hunter-Lab	88.3093, -16.9024, -9.3754

Details

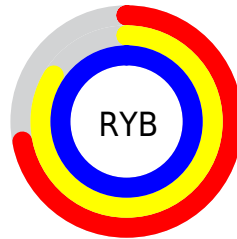
The YIQ color **223.2050, -37.3660, -5.6380** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **215.7950, 37.3660, 5.6380**, and the grayscale version is **223.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **250.8140, -8.3440, -2.9680**, and **167.3900, -36.4490, -5.7370** is the 20% darker color. If you saturate the color by 10%, you get **211.9090, -51.2120, -8.0120**, and if you desaturate by 10%, it is **234.2020, -24.1160, -3.4760**.

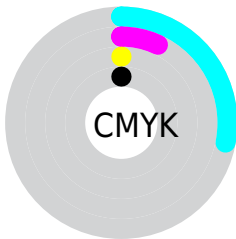
Distribution



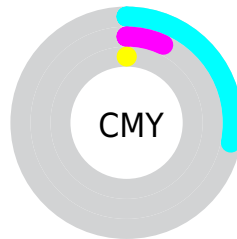
- Red (72%)
- Green (93%)
- Blue (100%)



- Red (72%)
- Yellow (84%)
- Blue (100%)



- Cyan (28%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 223.2050, -37.3660, -5.6380 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 223.2050, -37.3660, -5.6380 by changing the saturation by 10% instead.

■ 223.2050,
-37.3660, -5.6380

■ 223.2050,
-37.3660, -5.6380

■ 255.0000, -0.0000,
-0.0000

■ 195.0910,
-37.0450, -5.9490

■ 250.8140, -8.3440,
-2.9680

■ 167.3900,
-36.4490, -5.7370

■ 140.3900,
-36.4490, -5.7370

■ 114.2760,
-36.1280, -6.0480

■ 88.9770, -36.7240,
-6.2600

■ 63.0690, -39.9790,
-7.8430

■ 40.8520, -37.8700,

-7.5180

■ 25.4300, -24.7580,
-2.8540

■ 7.3010, -10.9130,
5.0470

■ 223.2050,
-37.3660, -5.6380

■ 223.2050,
-37.3660, -5.6380

■ 211.9090,
-51.2120, -8.0120

■ 234.2020,
-24.1160, -3.4760

■ 200.3250,
-64.1870, -9.6510

■ 246.0850,
-10.5450, -1.6250

■ 189.0290,
-78.0330, -12.0250

■ 255.0000, -0.0000,
-0.0000

■ 177.4450,
-91.0080, -13.6640

■ 166.1490,
-104.8540, -16.0380

■ 154.5650,
-117.8290, -17.6770

■ 143.5680,
-131.0790, -19.8390

■ 141.1870,
-134.3800, -20.5880

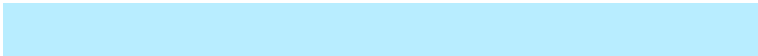
Harmonies

Analogous

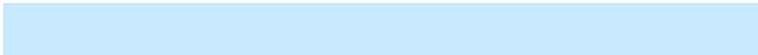
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



221.6580, -34.5680, -12.2960



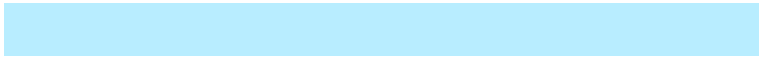
223.2050, -37.3660, -5.6380



225.0540, -26.4550, 0.3690

Triad

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



223.2050, -37.3660, -5.6380



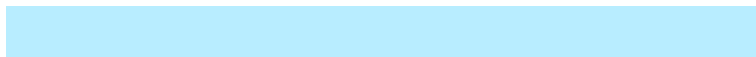
230.6420, 16.2280, 14.2760



227.0810, 12.4730, -11.2950

Complementary

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



223.2050, -37.3660, -5.6380



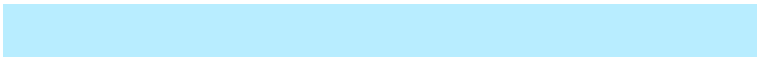
215.7950, 37.3660, 5.6380

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.



228.8270, 25.1720, -4.6520



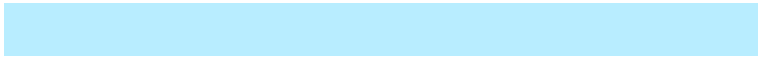
223.2050, -37.3660, -5.6380



227.8890, 22.6020, 8.8900

Square

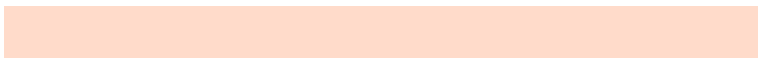
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



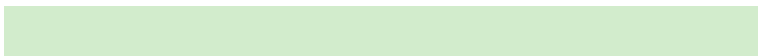
223.2050, -37.3660, -5.6380



231.8240, 4.0320, 15.0400



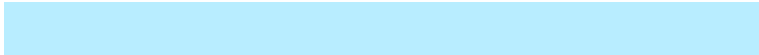
227.8260, 26.9130, 2.3450



224.5780, -5.2240, -15.4640

Rectangle

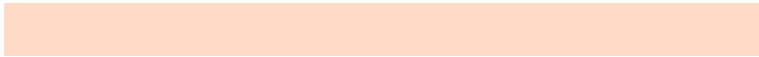
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



223.2050, -37.3660, -5.6380



227.7780, -16.6900, 5.1180



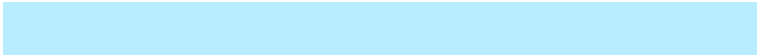
227.8260, 26.9130, 2.3450



227.4730, 17.2410, -9.5990

Sweetspot

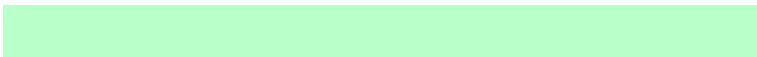
The Sweet Spot groups the original color and five complimentary colors.



223.2050, -37.3660, -5.6380



246.0850, -10.5450, -1.6250



227.7290, -25.3030, -31.5350



121.7650, -6.6480, -0.6640



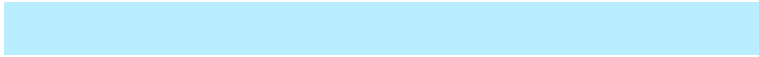
0.0000, 0.0000, 0.0000



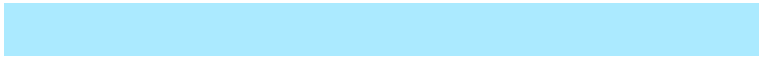
128.0000, -0.0000, -0.0000

Same Dimension

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



223.2050, -37.3660, -5.6380



217.5570, -44.2890, -6.8250



202.6600, -27.7410, 12.6670



121.7650, -6.6480, -0.6640



105.7150, -100.6360, -15.3880



35.4720, -33.7440, -5.2000

Inverse Universe

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



211.2710, 25.3030, 31.5350



203.2980, 29.8410, 37.4010



236.3400, 27.7410, -12.6670



119.9130, 4.8590, 5.5550



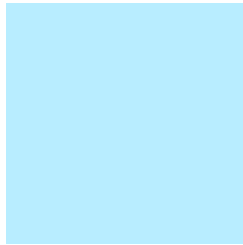
73.4110, 67.9330, 84.9650



24.6080, 22.7360, 28.4960

Previews

White Background



This preview shows how the YIQ color 223.2050, -37.3660, -5.6380 looks on a white background.

Color Contrast Check

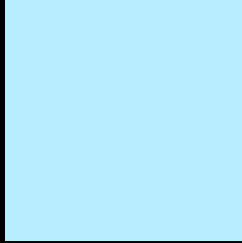
Large Text (above 18pt) WCAG AA × Fail

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 223.2050, -37.3660, -5.6380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

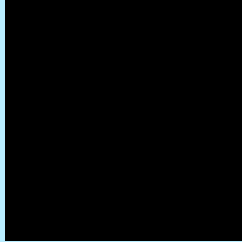
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 223.2050, -37.3660, -5.6380

Background



This preview shows how black text looks on a background with the YIQ color 223.2050, -37.3660, -5.6380.



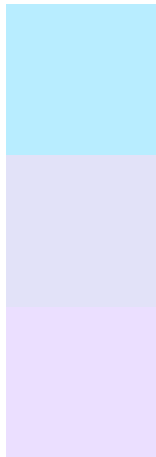
This preview shows how white text looks on a background with the YIQ color 223.2050, -37.3660, -5.6380.

-5.6380.

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

223.2050, -37.3660, -5.6380

Protanopia

228.5080, -7.0620, 6.8420

Deuteranopia

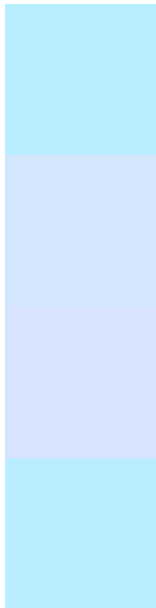
230.2360, -3.1200, 12.4960



Tritanopia

223.8030, -36.1740, -5.2140

Trichromacy



Original Color

223.2050, -37.3660, -5.6380

Protanomaly

226.7130, -18.0650, 2.5030

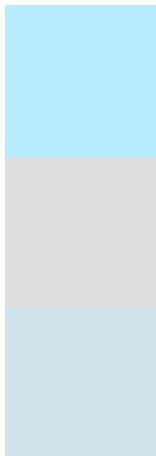
Deuteranomaly

227.4900, -15.8190, 5.8530

Tritanomaly

223.5040, -36.7700, -5.4260

Monochromacy



Original Color

223.2050, -37.3660, -5.6380

Achromatopsia

223.0000, -0.0000, -0.0000

Achromatomaly

223.1170, -13.5710, -1.8510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 223.2050, -37.3660, -5.6380 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(184, 237, 255)` looks like.

```
.text, #text, p{  
    color:rgb(184, 237, 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(184, 237, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 237, 255) }
```

Border

The CSS property to change the border of an element to YIQ 223.2050, -37.3660, -5.6380 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(184, 237, 255) }
```


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

```
.border{ border-color:rgb(184, 237, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 237, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 237, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 237, 255);  
box-shadow:4px 4px 4px 4px rgb(184, 237,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 223.2050, -37.3660, -5.6380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 237, 255) }
```

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

```
.background{ background-color: rgb(184,  
237, 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