

Converting Colors

YIQ(224.2650, -37.5950,
-6.9950)

Have a look what the booklet for
YIQ(224.2650, -37.5950, -6.9950)
contains.

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Color

**YIQ(224.2650, -37.5950,
-6.9950)**

Conversions

Conversions Part 1

Format	Color
Hex	B8EFFE
RGB	184, 239, 254
RGB Percent	72%, 94%, 100%
CMY	0.2785, 0.0626, 0.0041
CMYK	0.28, 0.06, 0.00, 0.00
HSL	193°, 97%, 86%
HSV	193°, 28%, 100%
XYZ	68.5158, 79.0862, 105.3855
YIQ	224.2650, -37.5950, -6.9950

Conversions

Conversions Part 2

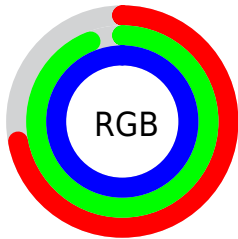
Format	Color
RYB	184, 215, 254
Decimal	12120062
CIELab	91.27, -14.07, -12.88
CIELCh	91, 19.073, 222.484
Yxy	79.0862, 0.2708, 0.3126
Android (android.graphics.Color)	4290310142 (0xFFB8EFFE)
YUV	224.2650, 14.6594, -35.3124
Hunter-Lab	88.9304, -18.1041, -8.0093

Details

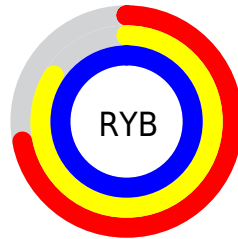
The YIQ color $224.2650, -37.5950, -6.9950$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $213.7350, 37.5950, 6.9950$, and the grayscale version is $224.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $250.8140, -8.3440, -2.9680$, and $168.4500, -36.6780, -7.0940$ is the 20% darker color. If you saturate the color by 10%, you get $213.8550, -51.1200, -9.6800$, and if you desaturate by 10%, it is $234.6750, -24.0700, -4.3100$.

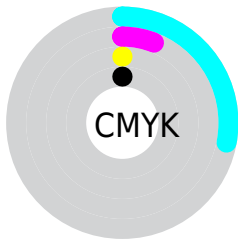
Distribution



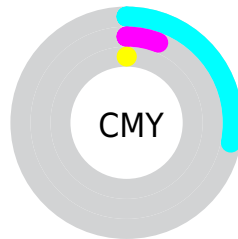
- Red (72%)
- Green (94%)
- Blue (100%)



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



- Cyan (28%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 224.2650, -37.5950, -6.9950 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 224.2650, -37.5950, -6.9950 by changing the saturation by 10% instead.

224.2650,
-37.5950, -6.9950

224.2650,
-37.5950, -6.9950

255.0000, -0.0000,
-0.0000

196.1510,
-37.2740, -7.3060

250.8140, -8.3440,
-2.9680

168.4500,
-36.6780, -7.0940

141.4500,
-36.6780, -7.0940

115.4500,
-36.6780, -7.0940

90.0370, -36.9530,
-7.6170

64.1290, -40.2080,
-9.2000

42.0260, -38.4200,

-8.5640

■ 26.4900, -24.9870,
-4.2110

■ 8.9480, -11.4170,
3.1670

■ 224.2650,
-37.5950, -6.9950

■ 224.2650,
-37.5950, -6.9950

■ 213.8550,
-51.1200, -9.6800

■ 234.6750,
-24.0700, -4.3100

■ 202.5590,
-64.9660, -12.0540

■ 245.9710,
-10.2240, -1.9360

■ 192.1490,
-78.4910, -14.7390

■ 254.8860, 0.3210,
-0.3110

■ 180.8530,
-92.3370, -17.1130

■ 170.4430,
-105.8620, -19.7980

■ 160.0330,
-119.3870, -22.4830

■ 148.7370,
-133.2330, -24.8570

■ 146.3560,
-136.5340, -25.6060

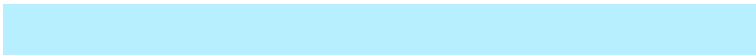
Harmonies

Analogous

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



223.5010, -32.6880, -13.3280



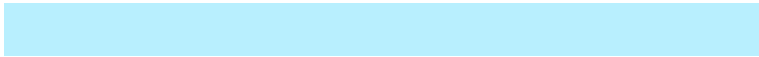
224.2650, -37.5950, -6.9950



226.2170, -28.4720, -1.6240

Triad

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



224.2650, -37.5950, -6.9950



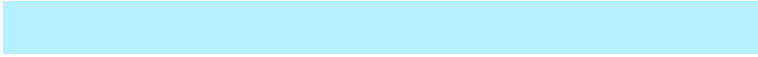
232.2720, 14.3940, 14.4740



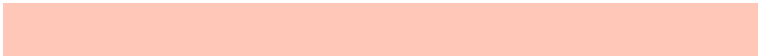
228.5760, 15.4530, -10.2350

Complementary

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



224.2650, -37.5950, -6.9950



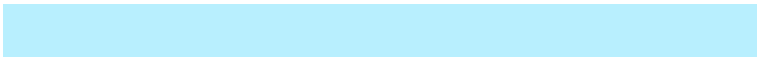
213.7350, 37.5950, 6.9950

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.



230.6640, 27.1890, -2.6590



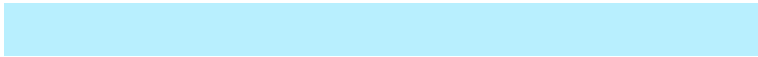
224.2650, -37.5950, -6.9950



229.0460, 20.7220, 9.9220

Square

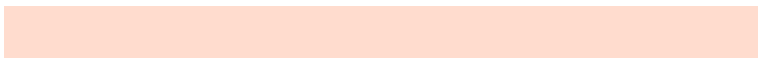
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



224.2650, -37.5950, -6.9950



232.6280, 1.6480, 14.1920



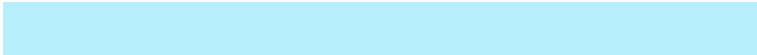
228.8690, 25.3540, 3.0660



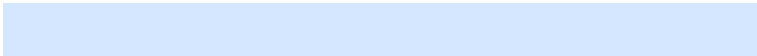
226.2580, -1.3270, -14.5030

Rectangle

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



224.2650, -37.5950, -6.9950



228.0550, -19.0280, 3.4360



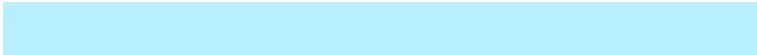
228.8690, 25.3540, 3.0660



229.1960, 19.5790, -7.9170

Sweetspot

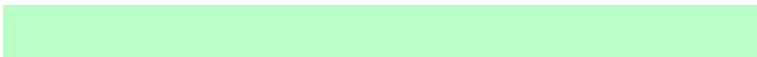
The Sweet Spot groups the original color and five complimentary colors.



224.2650, -37.5950, -6.9950



246.6720, -10.8200, -2.1480



226.6860, -23.7440, -32.2560



122.3520, -6.9230, -1.1870



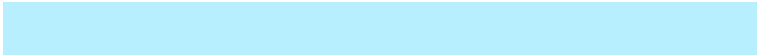
0.0000, 0.0000, 0.0000



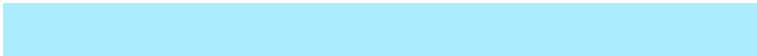
128.0000, -0.0000, -0.0000

Same Dimension

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



224.2650, -37.5950, -6.9950



219.3180, -45.1140, -8.3940



204.3070, -28.2450, 10.7870



122.3520, -6.9230, -1.1870



109.8240, -102.5610, -19.0490



36.6460, -34.2940, -6.2460

Inverse Universe

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



211.2000, 24.0650, 31.9450



203.6400, 28.8780, 38.3340



233.6930, 28.2450, -10.7870



120.0270, 4.5380, 5.8660



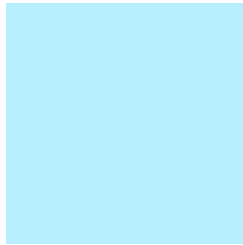
74.2090, 65.6860, 87.1420



24.8360, 22.0940, 29.1180

Previews

White Background



This preview shows how the YIQ color 224.2650, -37.5950, -6.9950 looks on a white background.

Color Contrast Check

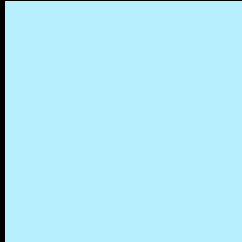
Large Text (above 18pt) WCAG AA × Fail

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 224.2650, -37.5950, -6.9950 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 224.2650, -37.5950, -6.9950

Background



This preview shows how black text looks on a background with the YIQ color 224.2650, -37.5950, -6.9950.



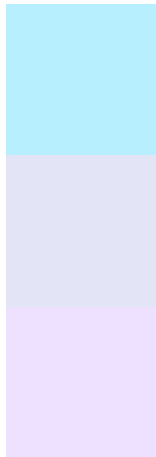
This preview shows how white text looks on a background with the YIQ color 224.2650, -37.5950, -6.9950.

-6.9950.

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

224.2650, -37.5950, -6.9950

Protanopia

230.1660, -6.0990, 5.9090

Deuteranopia

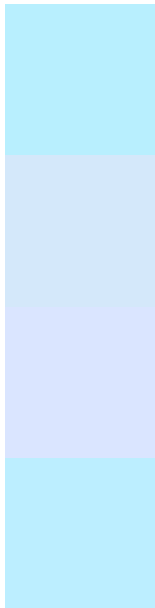
231.7200, -1.6070, 12.6090



Tritanopia

225.5860, -34.0650, -4.8890

Trichromacy



Original Color

224.2650, -37.5950, -6.9950

Protanomaly

228.0720, -17.6980, 1.3580

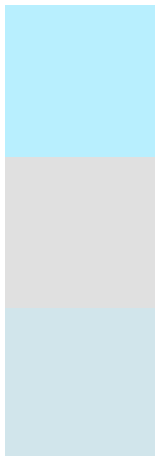
Deuteranomaly

228.6750, -14.9020, 5.7540

Tritanomaly

224.9880, -35.2570, -5.3130

Monochromacy



Original Color

224.2650, -37.5950, -6.9950

Achromatopsia

224.0000, -0.0000, 0.0000

Achromatomaly

223.7040, -13.8460, -2.3740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 224.2650, -37.5950, -6.9950 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, 239, 254)` looks like.

```
.text, #text, p{  
    color:rgb(184, 239, 254)  
}
```

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, 239, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 239, 254) }
```

Border

The CSS property to change the border of an element to YIQ 224.2650, -37.5950, -6.9950 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, 239, 254) }
```


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

```
.border{ border-color:rgb(184, 239, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 239, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 239, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 239, 254);  
box-shadow:4px 4px 4px 4px rgb(184, 239,  
254) }
```

Background

The CSS property to change the background color of an element to YIQ 224.2650, -37.5950, -6.9950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 239, 254) }
```

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

```
.background{ background-color: rgb(184,  
239, 254) }
```

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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