

Converting Colors

YIQ(174.6480, -36.6350, 8.6530)

Have a look what the booklet for
YIQ(174.6480, -36.6350, 8.6530)
contains.

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Color

**YIQ(174.6480, -36.6350,
8.6530)**

Conversions

Conversions Part 1

Format	Color
Hex	91B3E6
RGB	145, 179, 230
RGB Percent	57%, 70%, 90%
CMY	0.4314, 0.2980, 0.0982
CMYK	0.37, 0.22, 0.00, 0.10
HSL	216°, 63%, 74%
HSV	216°, 37%, 90%
XYZ	42.0741, 43.9751, 81.0987
YIQ	174.6480, -36.6350, 8.6530

Conversions

Conversions Part 2

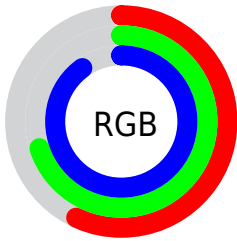
Format	Color
R _Y B	145, 169, 230
Decimal	9548774
CIE Lab	72.21, 0.84, -29.20
CIE LCh	72, 29.216, 271.645
Yxy	43.9751, 0.2517, 0.2631
Android (android.graphics.Color)	4287738854 (0xFF91B3E6)
YUV	174.6480, 27.2885, -26.0013
Hunter-Lab	66.3137, -2.7959, -26.0894

Details

The YIQ color $174.6480, -36.6350, 8.6530$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $200.3520, 36.6350, -8.6530$, and the grayscale version is $174.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $227.1140, -26.6840, -0.9880$, and $121.0070, -36.2680, 7.5080$ is the 20% darker color. If you saturate the color by 10%, you get $159.5530, -46.4930, 11.0990$, and if you desaturate by 10%, it is $189.7430, -26.7770, 6.2070$.

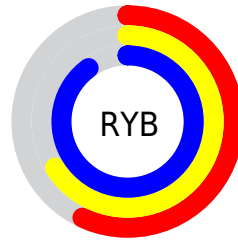
Distribution



Red (57%)

Green (70%)

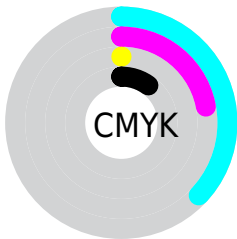
Blue (90%)



Red (57%)

Yellow (66%)

Blue (90%)

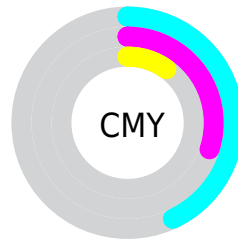


Cyan (37%)

Magenta (22%)

Yellow (0%)

Black (10%)



Cyan (43%)

Magenta (30%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 174.6480, -36.6350, 8.6530 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 174.6480, -36.6350, 8.6530 by changing the saturation by 10% instead.

■ 174.6480,
-36.6350, 8.6530

■ 174.6480,
-36.6350, 8.6530

■ 255.0000, -0.0000,
-0.0000

■ 147.5340,
-36.3140, 8.3420

■ 227.1140,
-26.6840, -0.9880

■ 121.0070,
-36.2680, 7.5080

■ 247.5250,
-14.9000, -5.3000

■ 95.7680, -37.0930,
5.9390

■ 70.4580, -39.1560,
4.7800

■ 43.3430, -46.2620,
1.4020

■ 28.1660, -32.4620,
4.6100

■ 12.1570, -19.0750,

9.7970

■ 4.3660, -9.5380,
7.6620

■ 0.0000, 0.0000,
0.0000

■ 174.6480,
-36.6350, 8.6530

■ 174.6480,
-36.6350, 8.6530

■ 159.5530,
-46.4930, 11.0990

■ 189.7430,
-26.7770, 6.2070

■ 144.4580,
-56.3510, 13.5450

■ 204.8380,
-16.9190, 3.7610

■ 129.9500,
-66.4840, 15.4680

■ 219.3460, -6.7860,
1.8380

■ 114.8550,
-76.3420, 17.9140

■ 234.4410, 3.0720,
-0.6080

■ 99.7600, -86.2000,
20.3600

■ 248.0410, 9.9500,
-4.1140

■ 84.6650, -96.0580,
22.8060

■ 252.1500, 8.0250,
-7.7750

■ 80.2240, -99.1300,
23.4140

Harmonies

Analogous

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



167.7820, -58.0440, -5.3400



174.6480, -36.6350, 8.6530



179.8150, -8.9440, 18.9280

Triad

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



174.6480, -36.6350, 8.6530



179.7900, 44.9300, 11.7300



168.5220, -19.9860, -23.2660

Complementary

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



174.6480, -36.6350, 8.6530



200.3520, 36.6350, -8.6530

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.



172.5760, 6.2850, -20.2990



174.6480, -36.6350, 8.6530



177.8460, 41.3560, -0.5960

Square

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



174.6480, -36.6350, 8.6530



180.8080, 36.4920, 21.4840



175.7530, 28.0160, -12.1440



164.9890, -46.1660, -22.3740

Rectangle

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



174.6480, -36.6350, 8.6530



181.2040, 9.0740, 22.7860



175.7530, 28.0160, -12.1440



170.0130, -11.1830, -23.1110

Sweetspot

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



174.6480, -36.6350, 8.6530



236.6490, -12.0130, 2.9550



200.5950, -39.4250, -28.9050



117.0470, -7.3820, 1.6260



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.



174.6480, -36.6350, 8.6530



182.1830, -48.3270, 11.2970



156.7830, -23.1130, 27.9190



107.3030, -5.2270, 1.1170



62.0830, -76.9840, 18.5360



17.5540, -21.8710, 5.4010

Inverse Universe

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



174.2910, 39.7460, 28.5940



181.6180, 52.3070, 37.7390



218.2170, 23.1130, -27.9190



107.1580, 5.5470, 4.0990



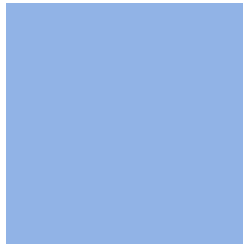
61.6150, 83.8930, 60.0290



17.5290, 23.9760, 17.0320

Previews

White Background



This preview shows how the YIQ color 174.6480, -36.6350, 8.6530 looks on a white background.

Color Contrast Check

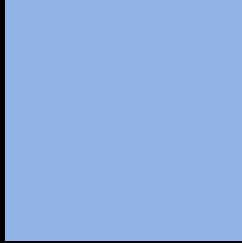
Large Text (above 18pt) WCAG AA × Fail

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 174.6480, -36.6350, 8.6530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

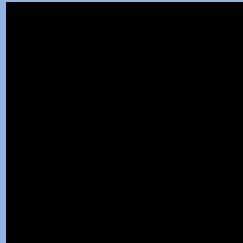
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 174.6480, -36.6350, 8.6530

Background



This preview shows how black text looks on a background with the YIQ color 174.6480, -36.6350, 8.6530.



This preview shows how white text looks on a background with the YIQ color 174.6480, -36.6350,

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

174.6480, -36.6350, 8.6530

Protanopia

177.3400, -23.8440, 13.6280

Deuteranopia

177.5080, -24.2570, 15.6070



Tritanopia

172.5430, -32.5060, -5.6100

Trichromacy



Original Color

174.6480, -36.6350, 8.6530

Protanomaly

175.9480, -28.6120, 11.9320

Deuteranomaly

176.5890, -28.9790, 13.0770

Tritanomaly

173.5200, -33.6990, -0.5070

Monochromacy



Original Color

174.6480, -36.6350, 8.6530

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

174.5780, -13.2510, 3.3650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.6480, -36.6350, 8.6530 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(145, 179, 230)` looks like.

```
.text, #text, p{  
    color:rgb(145, 179, 230)  
}
```

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(145, 179, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 179, 230) }
```

Border

The CSS property to change the border of an element to YIQ 174.6480, -36.6350, 8.6530 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(145, 179, 230) }
```


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

```
.border{ border-color:rgb(145, 179, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 179, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 179, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 179, 230);  
box-shadow:4px 4px 4px 4px rgb(145, 179,  
230) }
```

Background

The CSS property to change the background color of an element to YIQ 174.6480, -36.6350, 8.6530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 179, 230) }
```

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

```
.background{ background-color: rgb(145,  
179, 230) }
```

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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