

Converting Colors

YIQ(174.8490, -32.6470,
13.4730)

Have a look what the booklet for
YIQ(174.8490, -32.6470, 13.4730)
contains.

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Color

**YIQ(174.8490, -32.6470,
13.4730)**

Conversions

Conversions Part 1

Format	Color
Hex	98AFEA
RGB	152, 175, 234
RGB Percent	60%, 69%, 92%
CMY	0.4039, 0.3137, 0.0825
CMYK	0.35, 0.25, 0.00, 0.08
HSL	223°, 66%, 76%
HSV	223°, 35%, 92%
XYZ	43.1248, 43.2767, 83.8886
YIQ	174.8490, -32.6470, 13.4730

Conversions

Conversions Part 2

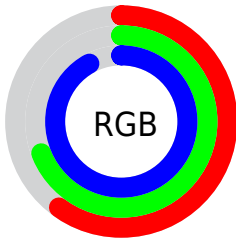
Format	Color
RYB	152, 170, 234
Decimal	10006506
CIELab	71.74, 6.01, -32.07
CIELCh	72, 32.627, 280.611
Yxy	43.2767, 0.2532, 0.2541
Android (android.graphics.Color)	4288196586 (0xFF98AFE8)
YUV	174.8490, 29.1614, -20.0386
Hunter-Lab	65.7850, 1.8903, -29.5567

Details

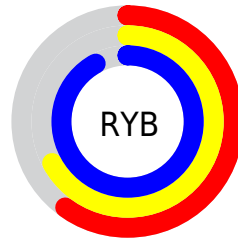
The YIQ color $174.8490, -32.6470, 13.4730$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $211.1510, 32.6470, -13.4730$, and the grayscale version is $175.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $226.2720, -21.1370, 3.1110$, and $121.7950, -32.5550, 11.8050$ is the 20% darker color. If you saturate the color by 10%, you get $157.9930, -41.6800, 17.4880$, and if you desaturate by 10%, it is $191.7050, -23.6140, 9.4580$.

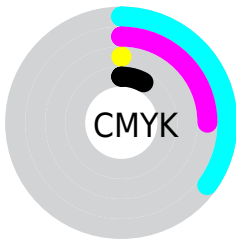
Distribution



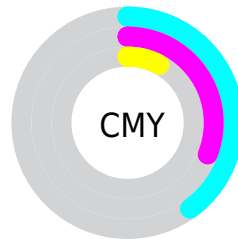
- Red (60%)
- Green (69%)
- Blue (92%)



- Red (60%)
- Yellow (67%)
- Blue (92%)



- Cyan (35%)
- Magenta (25%)
- Yellow (0%)
- Black (8%)



- Cyan (40%)
- Magenta (31%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 174.8490, -32.6470, 13.4730 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 174.8490, -32.6470, 13.4730 by changing the saturation by 10% instead.

■ 174.8490,
-32.6470, 13.4730

■ 174.8490,
-32.6470, 13.4730

■ 255.0000, -0.0000,
-0.0000

■ 147.7350,
-32.3260, 13.1620

■ 226.2720,
-21.1370, 3.1110

■ 121.7950,
-32.5550, 11.8050

■ 249.6180,
-10.7280, -3.8160

■ 95.9690, -33.1050,
10.7590

■ 70.8440, -34.2510,
9.5010

■ 44.9140, -40.4400,
6.0240

■ 26.8610, -32.9210,
7.4230

■ 9.5640, -18.6630,

13.3450

■ 4.7080, -10.5010,
8.5950

■ 0.1140, -0.3210,
0.3110

■ 174.8490,
-32.6470, 13.4730

■ 174.8490,
-32.6470, 13.4730

■ 157.9930,
-41.6800, 17.4880

■ 191.7050,
-23.6140, 9.4580

■ 140.8380,
-51.3090, 21.2910

■ 208.8600,
-13.9850, 5.6550

■ 124.5690,
-60.6170, 24.7830

■ 225.1290, -4.6770,
2.1630

■ 107.4140,
-70.2460, 28.5860

■ 242.2840, 4.9520,
-1.6400

■ 90.5580, -79.2790,
32.6010

■ 252.6060, 6.7410,
-6.5310

■ 73.7020, -88.3120,
36.6160

■ 65.4180, -93.2640,
38.2560

Harmonies

Analogous

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



166.3350, -60.9790, -1.7070



174.8490, -32.6470, 13.4730



179.1690, -1.0130, 23.8750

Triad

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



174.8490, -32.6470, 13.4730



177.5470, 49.9280, 9.2560



165.0690, -31.9520, -26.6720

Complementary

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



174.8490, -32.6470, 13.4730



211.1510, 32.6470, -13.4730

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.



169.7490, -1.6920, -24.4120



174.8490, -32.6470, 13.4730



175.3960, 42.5030, -4.8650

Square

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



174.8490, -32.6470, 13.4730



179.0000, 44.6990, 21.4270



172.8510, 24.6240, -16.7520



159.6220, -61.2500, -24.3380

Rectangle

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



174.8490, -32.6470, 13.4730



180.1020, 18.2890, 26.4890



172.8510, 24.6240, -16.7520



166.1580, -21.9570, -26.0930

Sweetspot

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



174.8490, -32.6470, 13.4730



234.8880, -11.1880, 4.5240



206.8600, -41.4890, -24.5370



115.8730, -6.8320, 2.6720



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.



174.8490, -32.6470, 13.4730



177.8080, -42.5970, 17.5870



166.7300, -15.5940, 29.3180



109.0150, -4.3560, 1.8520



50.5710, -72.1260, 29.6180



14.9610, -21.4590, 8.9490

Inverse Universe

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



179.1400, 41.4890, 24.5370



183.4130, 54.1420, 32.0140



219.2700, 15.5940, -29.3180



109.6310, 5.5930, 3.2650



59.9330, 91.5050, 54.2330



17.8560, 27.3690, 16.1130

Previews

White Background



This preview shows how the YIQ color 174.8490, -32.6470, 13.4730 looks on a white background.

Color Contrast Check

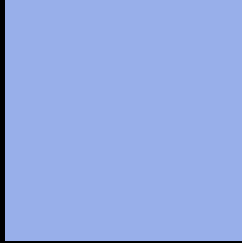
Large Text (above 18pt) WCAG AA × Fail

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 174.8490, -32.6470, 13.4730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

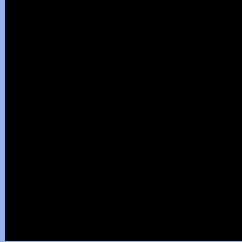
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 174.8490, -32.6470, 13.4730

Background



This preview shows how black text looks on a background with the YIQ color 174.8490, -32.6470, 13.4730.



This preview shows how white text looks on a background with the YIQ color 174.8490, -32.6470, 13.4730.

13.4730.

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

174.8490, -32.6470, 13.4730

Protanopia

175.6540, -27.6040, 15.6920

Deuteranopia

176.0670, -27.3290, 16.2150



Tritanopia

171.9350, -27.7380, -3.9140

Trichromacy



Original Color

174.8490, -32.6470, 13.4730

Protanomaly

175.3440, -29.6670, 14.5330

Deuteranomaly

175.7570, -29.3920, 15.0560

Tritanomaly

172.6670, -29.6190, 2.6450

Monochromacy



Original Color

174.8490, -32.6470, 13.4730

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

175.0020, -11.5090, 4.8350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.8490, -32.6470, 13.4730 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(152, 175, 234)` looks like.

```
.text, #text, p{  
    color:rgb(152, 175, 234)  
}
```

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(152, 175, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 175, 234) }
```

Border

The CSS property to change the border of an element to YIQ 174.8490, -32.6470, 13.4730 is called "border". The border property can be set on classes, ids or directly on the HTML element.

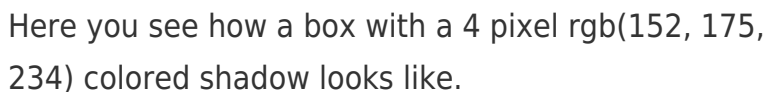
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(152, 175, 234) }
```


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

```
.border{ border-color:rgb(152, 175, 234) }
```

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



Here you see how a box with a 4 pixel `rgb(152, 175, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 175, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 175, 234);  
box-shadow:4px 4px 4px 4px rgb(152, 175,  
234) }
```

Background

The CSS property to change the background color of an element to YIQ 174.8490, -32.6470, 13.4730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 175, 234) }
```

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

```
.background{ background-color: rgb(152,  
175, 234) }
```

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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