

Converting Colors

YIQ(171.0840, -25.9990,
14.1370)

Have a look what the booklet for
YIQ(171.0840, -25.9990, 14.1370)
contains.

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Color

**YIQ(171.0840, -25.9990,
14.1370)**

Conversions

Conversions Part 1

Format	Color
Hex	9BA9E0
RGB	155, 169, 224
RGB Percent	61%, 66%, 88%
CMY	0.3921, 0.3372, 0.1217
CMYK	0.31, 0.25, 0.00, 0.12
HSL	228°, 53%, 74%
HSV	228°, 31%, 88%
XYZ	41.1562, 40.7266, 76.1864
YIQ	171.0840, -25.9990, 14.1370

Conversions

Conversions Part 2

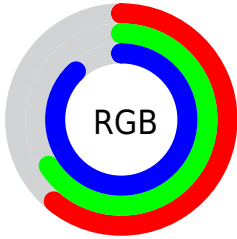
Format	Color
R _Y B	155, 167, 224
Decimal	10201568
CIE Lab	69.98, 7.65, -29.31
CIE LCh	70, 30.290, 284.629
Yxy	40.7266, 0.2604, 0.2577
Android (android.graphics.Color)	4288391648 (0xFF9BA9E0)
YUV	171.0840, 26.0876, -14.1057
Hunter-Lab	63.8174, 3.4353, -26.1094

Details

The YIQ color $171.0840, -25.9990, 14.1370$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $207.9160, 25.9990, -14.1370$, and the grayscale version is $171.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $223.6470, -17.6990, 6.8850$, and $118.4430, -25.6320, 12.9920$ is the 20% darker color. If you saturate the color by 10%, you get $153.9400, -34.1610, 18.8870$, and if you desaturate by 10%, it is $188.2280, -17.8370, 9.3870$.

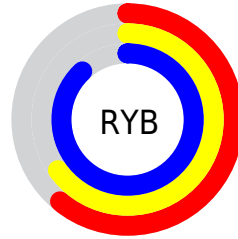
Distribution



Red (61%)

Green (66%)

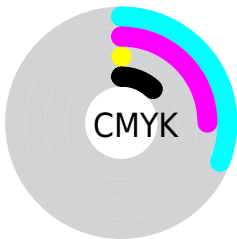
Blue (88%)



Red (61%)

Yellow (65%)

Blue (88%)

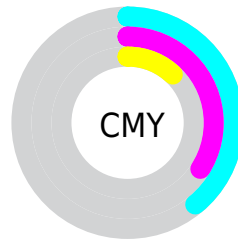


Cyan (31%)

Magenta (25%)

Yellow (0%)

Black (12%)



Cyan (39%)

Magenta (34%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 171.0840, -25.9990, 14.1370 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 171.0840, -25.9990, 14.1370 by changing the saturation by 10% instead.

■ 171.0840,
-25.9990, 14.1370

■ 171.0840,
-25.9990, 14.1370

■ 255.0000, -0.0000,
-0.0000

■ 144.5570,
-25.9530, 13.3030

■ 223.6470,
-17.6990, 6.8850

■ 118.4430,
-25.6320, 12.9920

■ 249.3410, -8.3900,
-2.1340

■ 93.5030, -25.8610,
11.6350

■ 68.6770, -26.4110,
10.5890

■ 44.8400, -28.4280,
8.5960

■ 23.6010, -29.2530,
7.0270

■ 5.1300, -14.4450,

13.9950

■ 3.3230, -7.9790,
6.9410

■ 0.0000, 0.0000,
0.0000

■ 171.0840,
-25.9990, 14.1370

■ 171.0840,
-25.9990, 14.1370

■ 153.9400,
-34.1610, 18.8870

■ 188.2280,
-17.8370, 9.3870

■ 136.4970,
-42.9190, 23.4250

■ 205.6710, -9.0790,
4.8490

■ 119.3530,
-51.0810, 28.1750

■ 222.8150, -0.9170,
0.0990

■ 102.4970,
-60.1140, 32.1900

■ 239.6710, 8.1160,
-3.9160

■ 85.3530, -68.2760,
36.9400

■ 251.4660, 9.9510,
-9.6410

■ 68.2090, -76.4380,
41.6900

■ 51.9510, -84.2790,
46.1290

Harmonies

Analogous

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



163.9940, -52.5890, 0.4270



171.0840, -25.9990, 14.1370



174.6810, 3.2970, 22.8570

Triad

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



171.0840, -25.9990, 14.1370



172.9270, 45.8020, 6.9380



160.4650, -33.0070, -24.0710

Complementary

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



171.0840, -25.9990, 14.1370



207.9160, 25.9990, -14.1370

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.



164.8350, -4.8100, -22.9700



171.0840, -25.9990, 14.1370



170.4170, 38.0100, -6.0380

Square

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



171.0840, -25.9990, 14.1370



174.2230, 42.4530, 18.0770



168.3990, 20.0850, -17.0910



156.4700, -57.7660, -21.3980

Rectangle

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



171.0840, -25.9990, 14.1370



175.4180, 20.2150, 24.6230



168.3990, 20.0850, -17.0910



161.8420, -23.8830, -24.2270

Sweetspot

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



171.0840, -25.9990, 14.1370



237.5570, -8.7580, 4.5380



201.6590, -36.3090, -19.2930



116.4710, -5.6400, 3.0960



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.



171.0840, -25.9990, 14.1370



182.8690, -35.3990, 19.2970



168.8460, -10.2290, 25.6990



103.4280, -4.0810, 2.3750



41.1960, -66.3960, 35.9080



11.3420, -18.1580, 9.6980

Inverse Universe

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



177.2270, 36.6300, 18.9820



191.2720, 49.9250, 25.8370



210.1540, 10.2290, -25.6990



104.5170, 5.9140, 2.9540



56.7280, 93.3400, 48.5080



15.4920, 25.3980, 13.2860

Previews

White Background



This preview shows how the YIQ color 171.0840, -25.9990, 14.1370 looks on a white background.

Color Contrast Check

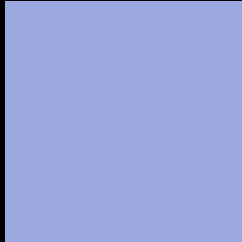
Large Text (above 18pt) WCAG AA × Fail

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 171.0840, -25.9990, 14.1370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

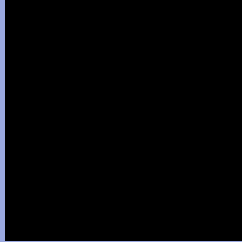
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 171.0840, -25.9990, 14.1370

Background



This preview shows how black text looks on a background with the YIQ color 171.0840, -25.9990, 14.1370.



This preview shows how white text looks on a background with the YIQ color 171.0840, -25.9990, 14.1370.

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

171.0840, -25.9990, 14.1370

Protanopia

171.3830, -25.4030, 14.3490

Deuteranopia

171.3940, -23.9360, 15.2960



Tritanopia

168.5230, -20.5860, -1.3700

Trichromacy



Original Color

171.0840, -25.9990, 14.1370

Protanomaly

171.3830, -25.4030, 14.3490

Deuteranomaly

171.0950, -24.5320, 15.0840

Tritanomaly

169.7280, -22.4210, 4.3550

Monochromacy



Original Color

171.0840, -25.9990, 14.1370

Achromatopsia

171.0000, -0.0000, -0.0000

Achromatomaly

170.7850, -9.4000, 5.1600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 171.0840, -25.9990, 14.1370 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(155, 169, 224)` looks like.

```
.text, #text, p{  
    color:rgb(155, 169, 224)  
}
```

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(155, 169, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 169, 224) }
```

Border

The CSS property to change the border of an element to YIQ 171.0840, -25.9990, 14.1370 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(155, 169, 224) }
```


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

```
.border{ border-color:rgb(155, 169, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 169, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 169, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 169, 224);  
box-shadow:4px 4px 4px 4px rgb(155, 169,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 171.0840, -25.9990, 14.1370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 169, 224) }
```

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

```
.background{ background-color: rgb(155,  
169, 224) }
```

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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