

Converting Colors

YIQ(161.0840, -25.9990,
14.1370)

Have a look what the booklet for
YIQ(161.0840, -25.9990, 14.1370)
contains.

YIQ(161.0840, -25.9990, 14.1370)	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(161.0840, -25.9990,
14.1370)**

Conversions

Conversions Part 1

Format	Color
Hex	919FD6
RGB	145, 159, 214
RGB Percent	57%, 62%, 84%
CMY	0.4314, 0.3764, 0.1609
CMYK	0.32, 0.26, 0.00, 0.16
HSL	228°, 46%, 70%
HSV	228°, 32%, 84%
XYZ	36.2091, 35.6713, 68.5703
YIQ	161.0840, -25.9990, 14.1370

Conversions

Conversions Part 2

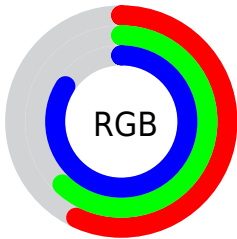
Format	Color
RYB	145, 157, 214
Decimal	9543638
CIELab	66.27, 7.86, -29.59
CIELCh	66, 30.615, 284.875
Yxy	35.6713, 0.2578, 0.2540
Android (android.graphics.Color)	4287733718 (0xFF919FD6)
YUV	161.0840, 26.0876, -14.1057
Hunter-Lab	59.7254, 3.6979, -26.2626

Details

The YIQ color $161.0840, -25.9990, 14.1370$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $197.9160, 25.9990, -14.1370$, and the grayscale version is $161.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $214.4880, -21.5050, 9.7830$, and $109.0300, -25.9070, 12.4690$ is the 20% darker color. If you saturate the color by 10%, you get $144.8260, -33.8400, 18.5760$, and if you desaturate by 10%, it is $177.3420, -18.1580, 9.6980$.

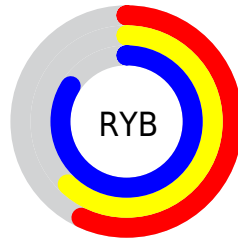
Distribution



Red (57%)

Green (62%)

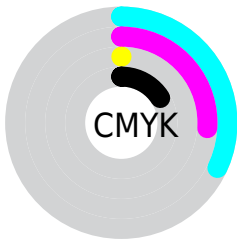
Blue (84%)



Red (57%)

Yellow (62%)

Blue (84%)

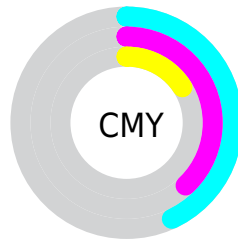


Cyan (32%)

Magenta (26%)

Yellow (0%)

Black (16%)



Cyan (43%)

Magenta (38%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 161.0840, -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 161.0840, -25.9990, 14.1370 by changing the saturation by 10% instead.

■ 161.0840,
-25.9990, 14.1370

■ 161.0840,
-25.9990, 14.1370

■ 255.0000, -0.0000,
-0.0000

■ 134.5570,
-25.9530, 13.3030

■ 214.4880,
-21.5050, 9.7830

■ 109.0300,
-25.9070, 12.4690

■ 239.5950,
-11.9210, 1.2870

■ 84.2040, -26.4570,
11.4230

■ 60.2640, -26.6860,
10.0660

■ 35.3450, -31.4080,
7.5360

■ 17.8790, -24.1640,
8.4120

■ 5.3920, -12.4270,

10.4610

■ 2.1830, -4.7690,
3.8310

■ 0.0000, 0.0000,
0.0000

■ 161.0840,
-25.9990, 14.1370

■ 161.0840,
-25.9990, 14.1370

■ 144.8260,
-33.8400, 18.5760

■ 177.3420,
-18.1580, 9.6980

■ 128.2690,
-42.2770, 22.8030

■ 193.8990, -9.7210,
5.4710

■ 112.0110,
-50.1180, 27.2420

■ 210.1570, -1.8800,
1.0320

■ 95.4540, -58.5550,
31.4690

■ 226.7140, 6.5570,
-3.1950

■ 79.1960, -66.3960,
35.9080

■ 242.9720, 14.3980,
-7.6340

■ 62.9380, -74.2370,
40.3470

■ 250.3260, 13.1610,
-12.7510

■ 49.6370, -80.5190,
44.0650

Harmonies

Analogous

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



153.8090, -53.5060, 0.5260



161.0840, -25.9990, 14.1370



164.6810, 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.



161.0840, -25.9990, 14.1370



162.6280, 45.2060, 6.7260



150.1660, -33.6030, -24.2830

Complementary

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



161.0840, -25.9990, 14.1370



197.9160, 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.



154.5360, -5.4060, -23.1820



161.0840, -25.9990, 14.1370



161.0040, 37.7350, -6.5610

Square

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



161.0840, -25.9990, 14.1370



164.2230, 42.4530, 18.0770



158.1000, 19.4890, -17.3030



145.5730, -59.5540, -22.0340

Rectangle

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



161.0840, -25.9990, 14.1370



165.4180, 20.2150, 24.6230



158.1000, 19.4890, -17.3030



151.8420, -23.8830, -24.2270

Sweetspot

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



161.0840, -25.9990, 14.1370



235.7850, -9.4000, 5.1600



191.6590, -36.3090, -19.2930



115.5850, -5.9610, 3.4070



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.



161.0840, -25.9990, 14.1370



179.0260, -37.2790, 20.3290



158.8460, -10.2290, 25.6990



99.0150, -4.3560, 1.8520



40.0390, -64.5160, 34.8760



10.1850, -16.2780, 8.6660

Inverse Universe

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



167.2270, 36.6300, 18.9820



187.8810, 52.5840, 27.2080



200.1540, 10.2290, -25.6990



99.6310, 5.5930, 3.2650



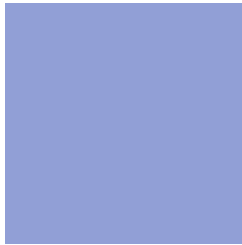
55.1190, 90.6810, 47.1370



13.8830, 22.7390, 11.9150

Previews

White Background



This preview shows how the YIQ color 161.0840, -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 161.0840, -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 161.0840, -25.9990, 14.1370

Background



This preview shows how black text looks on a background with the YIQ color 161.0840, -25.9990, 14.1370.



This preview shows how white text looks on a background with the YIQ color 161.0840, -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

161.0840, -25.9990, 14.1370

Protanopia

161.3830, -25.4030, 14.3490

Deuteranopia

161.0950, -24.5320, 15.0840



Tritanopia

158.8110, -21.4570, -2.1050

Trichromacy



Original Color

161.0840, -25.9990, 14.1370

Protanomaly

161.3830, -25.4030, 14.3490

Deuteranomaly

160.7960, -25.1280, 14.8720

Tritanomaly

159.4290, -23.0170, 4.1430

Monochromacy



Original Color

161.0840, -25.9990, 14.1370

Achromatopsia

161.0000, -0.0000, -0.0000

Achromatomaly

160.7850, -9.4000, 5.1600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 161.0840, -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(145, 159, 214)` looks like.

```
.text, #text, p{  
    color:rgb(145, 159, 214)  
}
```

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, 159, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 159, 214) }
```

Border

The CSS property to change the border of an element to YIQ 161.0840, -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(145, 159, 214) }
```


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

```
.border{ border-color:rgb(145, 159, 214) }
```

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

Here you see how a box with a 4 pixel rgb(145, 159, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 159, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 159, 214);  
box-shadow:4px 4px 4px 4px rgb(145, 159,  
214) }
```

Background

The CSS property to change the background color of an element to YIQ 161.0840, -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(145, 159, 214) }
```

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

```
.background{ background-color: rgb(145,  
159, 214) }
```

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