

Converting Colors

YIQ(147.4010, -25.8140, 5.2740)

Have a look what the booklet for
YIQ(147.4010, -25.8140, 5.2740)
contains.

YIQ(147.4010, -25.8140, 5.2740)	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(147.4010, -25.8140,
5.2740)**

Conversions

Conversions Part 1

Format	Color
Hex	7E97B9
RGB	126, 151, 185
RGB Percent	49%, 59%, 73%
CMY	0.5059, 0.4078, 0.2746
CMYK	0.32, 0.18, 0.00, 0.27
HSL	215°, 30%, 61%
HSV	215°, 32%, 73%
XYZ	28.4245, 30.0729, 50.1873
YIQ	147.4010, -25.8140, 5.2740

Conversions

Conversions Part 2

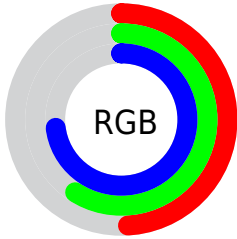
Format	Color
R_YB	126, 144, 185
Decimal	8296377
CIE _{Lab}	61.72, -0.62, -20.50
CIE _{LCh}	62, 20.507, 268.263
Yxy	30.0729, 0.2615, 0.2767
Android (android.graphics.Color)	4286486457 (0xFF7E97B9)
YUV	147.4010, 18.5363, -18.7687
Hunter-Lab	54.8388, -3.4460, -15.8738

Details

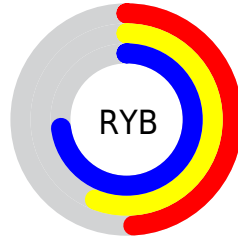
The YIQ color $147.4010, -25.8140, 5.2740$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $163.5990, 25.8140, -5.2740$, and the grayscale version is $147.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $201.6290, -26.4560, 5.8960$, and $96.1730, -25.1720, 4.6520$ is the 20% darker color. If you saturate the color by 10%, you get $135.2630, -34.1130, 6.9990$, and if you desaturate by 10%, it is $159.2400, -18.1110, 3.3370$.

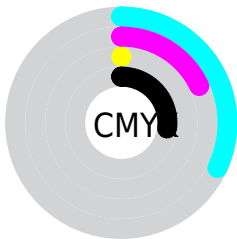
Distribution



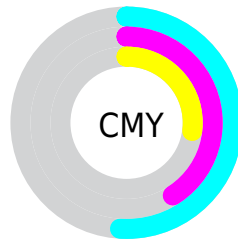
- Red (49%)
- Green (59%)
- Blue (73%)



- Red (49%)
- Yellow (56%)
- Blue (73%)



- Cyan (32%)
- Magenta (18%)
- Yellow (0%)
- Black (27%)



- Cyan (51%)
- Magenta (41%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 147.4010, -25.8140, 5.2740 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 147.4010, -25.8140, 5.2740 by changing the saturation by 10% instead.

■ 147.4010,
-25.8140, 5.2740

■ 147.4010,
-25.8140, 5.2740

■ 255.0000, -0.0000,
-0.0000

■ 121.2870,
-25.4930, 4.9630

■ 201.6290,
-26.4560, 5.8960

■ 96.1730, -25.1720,
4.6520

■ 228.0330,
-21.9620, 1.5420

■ 71.7600, -25.4470,
4.1290

■ 249.6180,
-10.7280, -3.8160

■ 48.2220, -26.8680,
2.3480

■ 26.0970, -28.0140,
1.0900

■ 9.5010, -14.3520,
6.8000

■ 2.2970, -5.0900,

4.1420

■ 0.0000, 0.0000,
0.0000

■ 147.4010,
-25.8140, 5.2740

■ 147.4010,
-25.8140, 5.2740

■ 135.2630,
-34.1130, 6.9990

■ 159.2400,
-18.1110, 3.3370

■ 124.0110,
-42.0910, 8.4130

■ 170.7910, -9.5370,
2.1350

■ 112.1720,
-49.7940, 10.3500

■ 182.6300, -1.8340,
0.1980

■ 100.0340,
-58.0930, 12.0750

■ 194.7680, 6.4650,
-1.5270

■ 88.7820, -66.0710,
13.4890

■ 206.0200, 14.4430,
-2.9410

■ 76.6440, -74.3700,
15.2140

■ 218.1580, 22.7420,
-4.6660

■ 66.8760, -80.8350,
16.7410

■ 229.9970, 30.4450,
-6.6030

■ 235.8670, 27.6950,
-11.8330

■ 242.3240, 24.6700,
-17.5860

Harmonies

Analogous

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



143.3730, -37.7790, -3.6590



147.4010, -25.8140, 5.2740



150.8980, -7.9800, 12.4680

Triad

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



147.4010, -25.8140, 5.2740



151.1950, 30.4880, 9.1440



143.6420, -11.2760, -15.9160

Complementary

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



147.4010, -25.8140, 5.2740



163.5990, 25.8140, -5.2740

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.



146.2050, 6.1920, -13.1040



147.4010, -25.8140, 5.2740



150.4410, 29.4350, 0.6910

Square

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



147.4010, -25.8140, 5.2740



152.0620, 23.7930, 14.8410



148.2070, 21.0460, -6.9700



141.7850, -27.7360, -14.9680

Rectangle

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



147.4010, -25.8140, 5.2740



151.8240, 4.0320, 15.0400



148.2070, 21.0460, -6.9700



144.5780, -5.2240, -15.4640

Sweetspot

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



147.4010, -25.8140, 5.2740



224.6060, -10.4540, 2.2340



164.3950, -26.8180, -20.5940



110.8190, -6.7400, 1.0040



247.0000, -0.0000, -0.0000



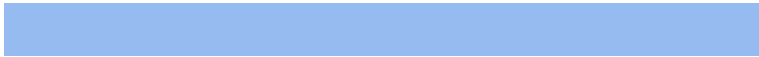
120.0000, -0.0000, -0.0000

Same Dimension

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



147.4010, -25.8140, 5.2740



181.6800, -39.6610, 8.4270



133.9220, -16.5550, 19.1970



86.3740, -3.9890, 0.7070



56.5260, -68.2260, 13.9980



10.2360, -12.2880, 2.4320

Inverse Universe

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



146.4910, 27.1390, 20.2830



180.5410, 42.0380, 31.1100



177.0780, 16.5550, -19.1970



86.1470, 4.0800, 3.1520



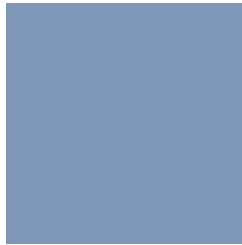
54.1680, 71.7900, 53.5980



9.7400, 12.8360, 9.6680

Previews

White Background



This preview shows how the YIQ color 147.4010, -25.8140, 5.2740 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 147.4010, -25.8140, 5.2740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

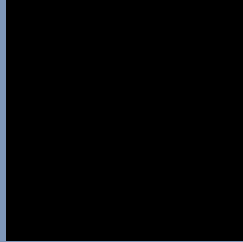
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

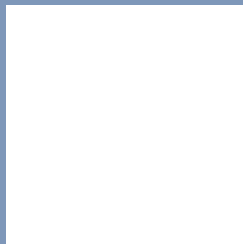
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 147.4010, -25.8140, 5.2740

Background



This preview shows how black text looks on a background with the YIQ color 147.4010, -25.8140, 5.2740.



This preview shows how white text looks on a background with the YIQ color 147.4010, -25.8140,

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

147.4010, -25.8140, 5.2740

Protanopia

149.1960, -14.8110, 9.6130

Deuteranopia

149.9620, -14.0320, 12.0160



Tritanopia

145.9140, -23.2450, -2.7410

Trichromacy



Original Color

147.4010, -25.8140, 5.2740

Protanomaly

148.4020, -18.3870, 8.3410

Deuteranomaly

149.0430, -18.7540, 9.4860

Tritanomaly

146.4240, -24.6210, 0.1710

Monochromacy



Original Color

147.4010, -25.8140, 5.2740

Achromatopsia

147.0000, -0.0000, 0.0000

Achromatomaly

146.7910, -9.5370, 2.1350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.4010, -25.8140, 5.2740 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(126, 151, 185)` looks like.

```
.text, #text, p{  
    color:rgb(126, 151, 185)  
}
```

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(126, 151, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 151, 185) }
```

Border

The CSS property to change the border of an element to YIQ 147.4010, -25.8140, 5.2740 is called "border". The border property can be set on classes, ids or directly on the HTML element.

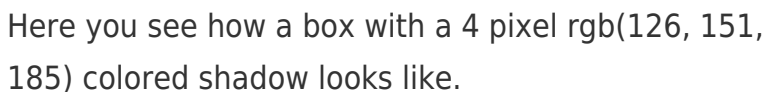
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(126, 151, 185) }
```


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

```
.border{ border-color:rgb(126, 151, 185) }
```

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



Here you see how a box with a 4 pixel `rgb(126, 151, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 151, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 151, 185);  
box-shadow:4px 4px 4px 4px rgb(126, 151,  
185) }
```

Background

The CSS property to change the background color of an element to YIQ 147.4010, -25.8140, 5.2740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 151, 185) }
```

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

```
.background{ background-color: rgb(126,  
151, 185) }
```

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