

Converting Colors

YIQ(142.1510, -37.2740,
-7.3060)

Have a look what the booklet for
YIQ(142.1510, -37.2740, -7.3060)
contains.

YIQ(142.1510, -37.2740, -7.3060)	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(142.1510, -37.2740,
-7.3060)**

Conversions

Conversions Part 1

Format	Color
Hex	669DAB
RGB	102, 157, 171
RGB Percent	40%, 62%, 67%
CMY	0.6001, 0.3842, 0.3296
CMYK	0.40, 0.08, 0.00, 0.33
HSL	192°, 29%, 54%
HSV	192°, 40%, 67%
XYZ	24.8837, 29.8835, 42.9644
YIQ	142.1510, -37.2740, -7.3060

Conversions

Conversions Part 2

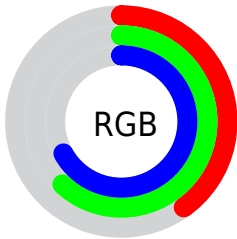
Format	Color
RYB	102, 133, 171
Decimal	6725035
CIELab	61.55, -14.42, -12.98
CIElCh	62, 19.403, 221.992
Yxy	29.8835, 0.2546, 0.3058
Android (android.graphics.Color)	4284915115 (0xFF669DAB)
YUV	142.1510, 14.2226, -35.2124
Hunter-Lab	54.6658, -14.4125, -8.3328

Details

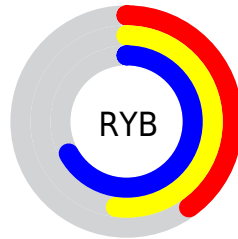
The YIQ color $142.1510, -37.2740, -7.3060$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $130.8490, 37.2740, 7.3060$, and the grayscale version is $142.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $196.8520, -37.8700, -7.5180$, and $90.4390, -38.1450, -8.0410$ is the 20% darker color. If you saturate the color by 10%, you get $135.3070, -46.5810, -9.3410$, and if you desaturate by 10%, it is $148.9950, -27.9670, -5.2710$.

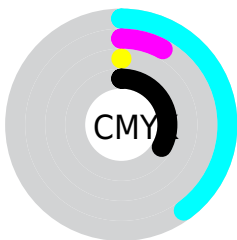
Distribution



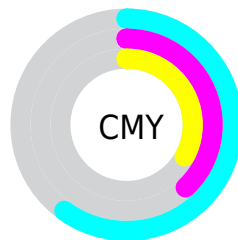
- Red (40%)
- Green (62%)
- Blue (67%)



- Red (40%)
- Yellow (52%)
- Blue (67%)



- Cyan (40%)
- Magenta (8%)
- Yellow (0%)
- Black (33%)



- Cyan (60%)
- Magenta (38%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 142.1510, -37.2740, -7.3060 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 142.1510, -37.2740, -7.3060 by changing the saturation by 10% instead.

■ 142.1510,
-37.2740, -7.3060

■ 142.1510,
-37.2740, -7.3060

■ 255.0000, -0.0000,
-0.0000

■ 116.0370,
-36.9530, -7.6170

■ 196.8520,
-37.8700, -7.5180

■ 90.4390, -38.1450,
-8.0410

■ 224.9660,
-38.1910, -7.2070

■ 63.9440, -41.1250,
-9.1010

■ 242.1430,
-25.6280, -9.1160

■ 42.0260, -38.4200,
-8.5640

■ 250.8140, -8.3440,
-2.9680

■ 26.6040, -25.3080,
-3.9000

■ 10.2360, -12.2880,
2.4320

■ 0.0000, 0.0000,

0.0000

■ 142.1510,
-37.2740, -7.3060

■ 142.1510,
-37.2740, -7.3060

■ 135.3070,
-46.5810, -9.3410

■ 148.9950,
-27.9670, -5.2710

■ 127.8760,
-55.6130, -10.8530

■ 156.4260,
-18.9350, -3.7590

■ 121.0320,
-64.9200, -12.8880

■ 163.2700, -9.6280,
-1.7240

■ 113.6010,
-73.9520, -14.4000

■ 170.7010, -0.5960,
-0.2120

■ 106.4580,
-83.8550, -16.6470

■ 177.5450, 8.7110,
1.8230

■ 99.3260, -92.2910,
-17.9470

■ 185.2750, 18.3390,
3.5470

■ 192.1190, 27.6460,
5.5820

■ 199.5500, 36.6780,
7.0940

■ 206.0950, 45.3890,
8.9170

Harmonies

Analogous

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



141.8000, -32.0920, -13.1160



142.1510, -37.2740, -7.3060



145.1290, -31.0400, 0.8640

Triad

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



142.1510, -37.2740, -7.3060



152.1690, 16.1820, 15.1100



147.5050, 14.2150, -9.8250

Complementary

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



142.1510, -37.2740, -7.3060



130.8490, 37.2740, 7.3060

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.



148.8810, 25.0800, -2.9840



142.1510, -37.2740, -7.3060



151.0360, 26.6820, 12.0420

Square

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



142.1510, -37.2740, -7.3060



151.0300, 0.4560, 13.7680



150.3750, 29.8010, 5.0730



145.3720, -1.6480, -14.1920

Rectangle

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



142.1510, -37.2740, -7.3060



147.7820, -22.5130, 6.0230



150.3750, 29.8010, 5.0730



148.0110, 18.6620, -7.8180

Sweetspot

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



142.1510, -37.2740, -7.3060



210.4050, -14.4420, -2.5860



144.0990, -23.4690, -31.7330



105.4550, -8.7110, -1.8230



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



142.1510, -37.2740, -7.3060



177.0930, -57.7220, -11.1780



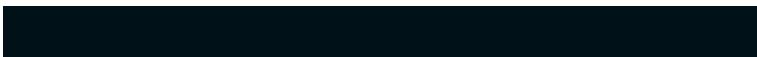
122.1930, -27.9240, 10.4760



83.1350, -4.8140, -0.8620



87.5400, -81.1500, -16.1100



13.1880, -12.3330, -2.2610

Inverse Universe

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



128.9010, 23.4690, 31.7330



156.6830, 36.4870, 49.1190



150.8070, 27.9240, -10.4760



81.4890, 3.1170, 4.0850



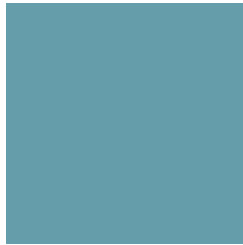
58.5300, 50.8800, 69.1200



8.9290, 7.9300, 10.4740

Previews

White Background



This preview shows how the YIQ color 142.1510, -37.2740, -7.3060 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 142.1510, -37.2740, -7.3060 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 × Fail

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

YIQ 142.1510, -37.2740, -7.3060

Background



This preview shows how black text looks on a background with the YIQ color 142.1510, -37.2740, -7.3060.



This preview shows how white text looks on a background with the YIQ color 142.1510, -37.2740, -7.3060.

-7.3060.

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

142.1510, -37.2740, -7.3060

Protanopia

148.6390, -6.0530, 5.0750

Deuteranopia

149.8010, -6.3290, 10.0790



Tritanopia

142.0370, -36.9530, -7.6170

Trichromacy



Original Color

142.1510, -37.2740, -7.3060

Protanomaly

146.5450, -17.6520, 0.5240

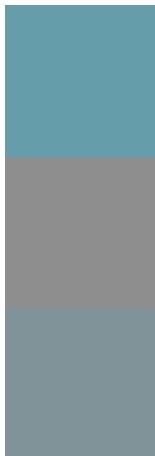
Deuteranomaly

146.9520, -17.2400, 4.0720

Tritanomaly

142.0370, -36.9530, -7.6170

Monochromacy



Original Color

142.1510, -37.2740, -7.3060

Achromatopsia

142.0000, -0.0000, -0.0000

Achromatomaly

141.7040, -13.8460, -2.3740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.1510, -37.2740, -7.3060 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(102, 157, 171)` looks like.

```
.text, #text, p{  
    color:rgb(102, 157, 171)  
}
```

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(102, 157, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 157, 171) }
```

Border

The CSS property to change the border of an element to YIQ 142.1510, -37.2740, -7.3060 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(102, 157, 171) }
```


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

```
.border{ border-color:rgb(102, 157, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 157, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 157, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 157, 171);  
box-shadow:4px 4px 4px 4px rgb(102, 157,  
171) }
```

Background

The CSS property to change the background color of an element to YIQ 142.1510, -37.2740, -7.3060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 157, 171) }
```

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

```
.background{ background-color: rgb(102,  
157, 171) }
```

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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