

Converting Colors

YIQ(148.1200, 7.5690, -21.5430)

Have a look what the booklet for
YIQ(148.1200, 7.5690, -21.5430)
contains.

YIQ(148.1200, 7.5690, -21.5430)	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(148.1200, 7.5690,
-21.5430)**

Conversions

Conversions Part 1

Format	Color
Hex	8EA067
RGB	142, 160, 103
RGB Percent	56%, 63%, 40%
CMY	0.4432, 0.3725, 0.5960
CMYK	0.11, 0.00, 0.36, 0.37
HSL	79°, 23%, 52%
HSV	79°, 36%, 63%
XYZ	26.1731, 31.8729, 17.6095
YIQ	148.1200, 7.5690, -21.5430

Conversions

Conversions Part 2

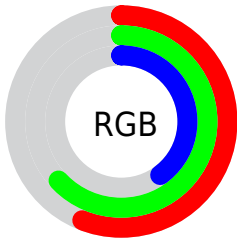
Format	Color
RYB	103, 160, 121
Decimal	9347175
CIELab	63.24, -16.25, 27.65
CIELCh	63, 32.071, 120.439
Yxy	31.8729, 0.3460, 0.4213
Android (android.graphics.Color)	4287537255 (0xFF8EA067)
YUV	148.1200, -22.2442, -5.3672
Hunter-Lab	56.4560, -16.0452, 21.0257

Details

The YIQ color $148.1200, 7.5690, -21.5430$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $114.8800, -7.5690, 21.5430$, and the grayscale version is $148.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $202.4790, 7.9360, -22.6880$, and $96.8750, 6.8810, -20.0870$ is the 20% darker color. If you saturate the color by 10%, you get $144.8010, 9.7250, -27.5790$, and if you desaturate by 10%, it is $151.4390, 5.4130, -15.5070$.

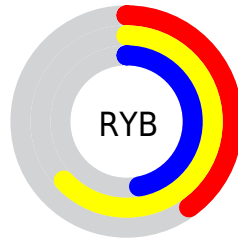
Distribution



Red (56%)

Green (63%)

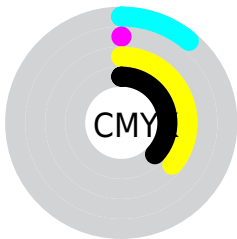
Blue (40%)



Red (40%)

Yellow (63%)

Blue (47%)

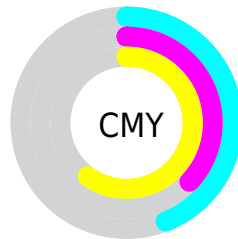


Cyan (11%)

Magenta (0%)

Yellow (36%)

Black (37%)



Cyan (44%)

Magenta (37%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 148.1200, 7.5690, -21.5430 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 148.1200, 7.5690, -21.5430 by changing the saturation by 10% instead.

■ 148.1200, 7.5690,
-21.5430

■ 148.1200, 7.5690,
-21.5430

■ 255.0000, -0.0000,
-0.0000

■ 122.2340, 7.2480,
-21.2320

■ 202.4790, 7.9360,
-22.6880

■ 97.4620, 6.6060,
-20.6100

■ 230.6640, 8.8530,
-22.7870

■ 72.6900, 5.9640,
-19.9880

■ 249.2720, 13.2530,
-14.4190

■ 49.6900, 5.9640,
-19.9880

■ 253.0620, 5.4570,
-5.2870

■ 29.4710, 2.3870,
-15.7330

■ 11.1530, -5.2250,
-9.9370

■ 0.0000, 0.0000,

0.0000

■ 148.1200, 7.5690,
-21.5430

■ 148.1200, 7.5690,
-21.5430

■ 144.8010, 9.7250,
-27.5790

■ 151.4390, 5.4130,
-15.5070

■ 141.4820, 11.8810,
-33.6150

■ 154.7580, 3.2570,
-9.4710

■ 138.1630, 14.0370,
-39.6510

■ 158.0770, 1.1010,
-3.4350

■ 134.8440, 16.1930,
-45.6870


■ 161.3960, -1.0550,
2.6010

■ 131.5250, 18.3490,
-51.7230

■ 164.7150, -3.2110,
8.6370


■ 128.2060, 20.5050,
-57.7590

■ 168.0340, -5.3670,
14.6730

 126.5110, 20.9640,
-60.5720

 171.3530, -7.5230,
20.7090

 174.6720, -9.6790,
26.7450

 178.2900,
-11.2390, 32.9930

Harmonies

Analogous

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



151.0090, 30.1710, -12.6530



148.1200, 7.5690, -21.5430



143.8700, -21.0860, -25.3580

Triad

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



148.1200, 7.5690, -21.5430



139.3400, -68.5430, -7.7990



156.3460, 37.9130, 23.2650

Complementary

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



148.1200, 7.5690, -21.5430



114.8800, -7.5690, 21.5430

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.



157.3900, 17.4180, 25.7540



148.1200, 7.5690, -21.5430



149.5980, -42.3660, 7.8900

Square

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



148.1200, 7.5690, -21.5430



133.6020, -75.6930, -21.3970



155.6730, -11.4200, 19.7480



155.2140, 46.6720, 13.2000

Rectangle

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



148.1200, 7.5690, -21.5430



140.3330, -41.4430, -25.3710



155.6730, -11.4200, 19.7480



156.7630, 32.3650, 24.6930

Sweetspot

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



148.1200, 7.5690, -21.5430



204.2850, 3.2110, -8.6370



130.0220, 29.2970, 3.1930



101.9090, 1.5140, -5.4140



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



148.1200, 7.5690, -21.5430



190.3680, 12.2020, -33.9260



139.7480, -9.1190, -27.4790



77.4900, 1.3760, -2.9120



113.2430, 19.0830, -54.0130



11.7950, 1.8350, -5.7250

Inverse Universe

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



114.8800, -7.5690, 21.5430



137.9310, -11.6060, 34.1380



123.2520, 9.1190, 27.4790



72.8090, -0.7800, 3.1240



29.7570, -19.0830, 54.0130



3.2050, -1.8350, 5.7250

Previews

White Background



This preview shows how the YIQ color 148.1200, 7.5690, -21.5430 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 148.1200, 7.5690, -21.5430 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 148.1200, 7.5690, -21.5430

Background



This preview shows how black text looks on a background with the YIQ color 148.1200, 7.5690, -21.5430.



This preview shows how white text looks on a background with the YIQ color 148.1200, 7.5690,

-21.5430.

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

148.1200, 7.5690, -21.5430

Protanopia

150.8450, 24.7610, -13.7270

Deuteranopia

152.2040, 34.2960, -4.8080



Tritanopia

152.8840, -5.3650, 3.6190

Trichromacy



Original Color

148.1200, 7.5690, -21.5430

Protanomaly

150.0290, 18.2510, -16.8930

Deuteranomaly

150.5400, 24.3020, -10.9140

Tritanomaly

151.1260, -0.5950, -5.7390

Monochromacy



Original Color

148.1200, 7.5690, -21.5430

Achromatopsia

148.0000, -0.0000, 0.0000

Achromatomaly

147.9260, 2.8440, -7.4920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.1200, 7.5690, -21.5430 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(142, 160, 103)` looks like.

```
.text, #text, p{  
    color:rgb(142, 160, 103)  
}
```

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(142, 160, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 160, 103) }
```

Border

The CSS property to change the border of an element to YIQ 148.1200, 7.5690, -21.5430 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(142, 160, 103) }
```


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

```
.border{ border-color:rgb(142, 160, 103) }
```

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

Here you see how a box with a 4 pixel rgb(142, 160, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 160, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 160, 103);  
box-shadow:4px 4px 4px 4px rgb(142, 160,  
103) }
```

Background

The CSS property to change the background color of an element to YIQ 148.1200, 7.5690, -21.5430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 160, 103) }
```

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

```
.background{ background-color: rgb(142,  
160, 103) }
```

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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