

Converting Colors

YIQ(123.9740, 1.7480, -31.6920)

Have a look what the booklet for
YIQ(123.9740, 1.7480, -31.6920)
contains.

YIQ(123.9740, 1.7480, -31.6920)	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(123.9740, 1.7480,
-31.6920)**

Conversions

Conversions Part 1

Format	Color
Hex	6A9044
RGB	106, 144, 68
RGB Percent	42%, 56%, 27%
CMY	0.5845, 0.4352, 0.7333
CMYK	0.26, 0.00, 0.53, 0.44
HSL	90°, 36%, 42%
HSV	90°, 53%, 56%
XYZ	16.9592, 23.4309, 9.1003
YIQ	123.9740, 1.7480, -31.6920

Conversions

Conversions Part 2

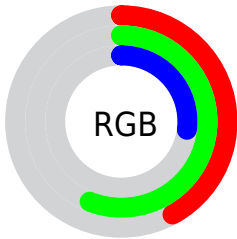
Format	Color
RYB	68, 144, 106
Decimal	6983748
CIELab	55.51, -26.76, 35.86
CIELCh	56, 44.740, 126.735
Yxy	23.4309, 0.3427, 0.4734
Android (android.graphics.Color)	4285173828 (0xFF6A9044)
YUV	123.9740, -27.5952, -15.7632
Hunter-Lab	48.4054, -22.1706, 22.7372

Details

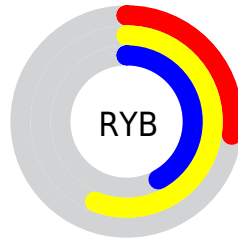
The YIQ color $123.9740, 1.7480, -31.6920$ is a dark color, and the websafe version is hex 669933 . A complement of this color would be $88.0260, -1.7480, 31.6920$, and the grayscale version is $124.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $177.2190, 2.4360, -33.1480$, and $73.2020, 1.1060, -31.0700$ is the 20% darker color. If you saturate the color by 10%, you get $120.2850, 2.0700, -37.5300$, and if you desaturate by 10%, it is $127.6630, 1.4260, -25.8540$.

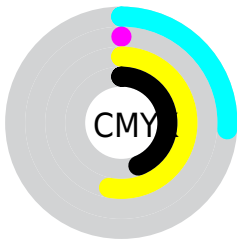
Distribution



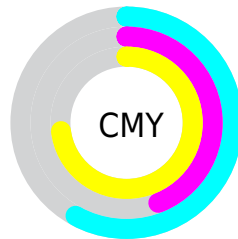
- Red (42%)
- Green (56%)
- Blue (27%)



- Red (27%)
- Yellow (56%)
- Blue (42%)



- Cyan (26%)
- Magenta (0%)
- Yellow (53%)
- Black (44%)



- Cyan (58%)
- Magenta (44%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 123.9740, 1.7480, -31.6920 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 123.9740, 1.7480, -31.6920 by changing the saturation by 10% instead.

■ 123.9740, 1.7480,
-31.6920

■ 123.9740, 1.7480,
-31.6920

■ 255.0000, -0.0000,
-0.0000

■ 98.2020, 1.1060,
-31.0700

■ 177.2190, 2.4360,
-33.1480

■ 73.2020, 1.1060,
-31.0700

■ 204.9910, 3.0780,
-33.7700

■ 49.7720, -0.4990,
-29.5150

■ 233.4640, 3.1240,
-34.6040

■ 28.7850, -10.5410,
-23.7330

■ 245.3270, 11.4200,
-19.7480

■ 16.4360, -7.7000,
-14.6440

■ 251.8080, 8.9880,
-8.7080

■ 0.0000, 0.0000,
0.0000

■ 123.9740, 1.7480,
-31.6920

■ 123.9740, 1.7480,
-31.6920

■ 120.2850, 2.0700,
-37.5300

■ 127.6630, 1.4260,
-25.8540

■ 116.4820, 2.7130,
-43.6790

■ 131.4660, 0.7830,
-19.7050

■ 112.4940, 2.4390,
-49.7290

■ 135.4540, 1.0570,
-13.6550

■ 108.6910, 3.0820,
-55.8780

■ 139.2570, 0.4140,
-7.5060

■ 106.0560, 3.3120,
-60.0480

■ 142.9460, 0.0920,
-1.6680

■ 146.6350, -0.2300,
4.1700

■ 150.4380, -0.8730,
10.3190

■ 154.4260, -0.5990,

16.3690

■ 158.2290, -1.2420,
22.5180

Harmonies

Analogous

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



128.5390, 34.0700, -22.7460



123.9740, 1.7480, -31.6920



113.9160, -45.0630, -36.8630

Triad

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



123.9740, 1.7480, -31.6920



108.3710, -105.3590, -12.3910



133.7720, 54.5090, 30.8690

Complementary

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



123.9740, 1.7480, -31.6920



88.0260, -1.7480, 31.6920

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.



136.5430, 30.5290, 35.9450



123.9740, 1.7480, -31.6920



126.2190, -57.1760, 11.9760

Square

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



123.9740, 1.7480, -31.6920



108.9290, -98.6630, -23.6150



136.0360, -7.7080, 29.5720



132.4670, 62.0770, 14.8530

Rectangle

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



123.9740, 1.7480, -31.6920



103.7020, -82.5670, -39.9990



136.0360, -7.7080, 29.5720



134.9440, 48.2730, 33.7530

Sweetspot

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



123.9740, 1.7480, -31.6920



178.0950, 0.6900, -12.5100



113.0300, 34.8460, -3.7620



89.2570, 0.4140, -7.5060



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



123.9740, 1.7480, -31.6920



155.0210, 2.3930, -48.8950



112.6120, -20.9000, -39.7480



69.3050, 0.4590, -2.8130



99.2780, 2.8070, -56.4010



5.8920, 0.1840, -3.3360

Inverse Universe

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



88.0260, -1.7480, 31.6920



99.9790, -2.3930, 48.8950



99.3880, 20.9000, 39.7480



65.9940, 0.1370, 3.0250



35.7220, -2.8070, 56.4010



2.1080, -0.1840, 3.3360

Previews

White Background



This preview shows how the YIQ color 123.9740, 1.7480, -31.6920 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 123.9740, 1.7480, -31.6920 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 123.9740, 1.7480, -31.6920

Background



This preview shows how black text looks on a background with the YIQ color 123.9740, 1.7480, -31.6920.



This preview shows how white text looks on a background with the YIQ color 123.9740, 1.7480, -31.6920.

-31.6920.

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

123.9740, 1.7480, -31.6920

Protanopia

129.3200, 30.4930, -18.4910

Deuteranopia

130.7220, 38.4690, -8.8510



Tritanopia

131.4590, -14.5340, -0.9180

Trichromacy



Original Color

123.9740, 1.7480, -31.6920

Protanomaly

127.2970, 20.1320, -23.4520

Deuteranomaly

128.6230, 25.2660, -17.3740

Tritanomaly

128.8320, -8.7550, -12.0430

Monochromacy



Original Color

123.9740, 1.7480, -31.6920

Achromatopsia

124.0000, -0.0000, -0.0000

Achromatomaly

123.7360, 0.3230, -11.3650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.9740, 1.7480, -31.6920 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(106, 144, 68)` looks like.

```
.text, #text, p{  
    color:rgb(106, 144, 68)  
}
```

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(106, 144, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 144, 68) }
```

Border

The CSS property to change the border of an element to YIQ 123.9740, 1.7480, -31.6920 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(106, 144, 68) }
```


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

```
.border{ border-color:rgb(106, 144, 68) }
```

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

Here you see how a box with a 4 pixel rgb(106, 144, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 144, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 144, 68);  
box-shadow:4px 4px 4px 4px rgb(106, 144,  
68) }
```

Background

The CSS property to change the background color of an element to YIQ 123.9740, 1.7480, -31.6920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 144, 68) }
```

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

```
.background{ background-color: rgb(106,  
144, 68) }
```

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