

Converting Colors

YIQ(124.7120, 16.9250,
-36.9230)

Have a look what the booklet for
YIQ(124.7120, 16.9250, -36.9230)
contains.

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Color

**YIQ(124.7120, 16.9250,
-36.9230)**

Conversions

Conversions Part 1

Format	Color
Hex	76902B
RGB	118, 144, 43
RGB Percent	46%, 56%, 17%
CMY	0.5374, 0.4352, 0.8312
CMYK	0.18, 0.00, 0.70, 0.44
HSL	75°, 54%, 37%
HSV	75°, 70%, 56%
XYZ	17.8785, 23.9738, 5.9742
YIQ	124.7120, 16.9250, -36.9230

Conversions

Conversions Part 2

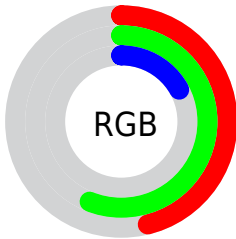
Format	Color
RYB	43, 144, 69
Decimal	7770155
CIELab	56.06, -24.13, 48.25
CIELCh	56, 53.942, 116.568
Yxy	23.9738, 0.3738, 0.5013
Android (android.graphics.Color)	4285960235 (0xFF76902B)
YUV	124.7120, -40.2840, -5.8864
Hunter-Lab	48.9630, -20.5073, 27.0399

Details

The YIQ color **124.7120, 16.9250, -36.9230** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **62.2880, -16.9250, 36.9230**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.7830, 18.1630, -37.3330**, and **74.9120, 13.4860, -35.1700** is the 20% darker color. If you saturate the color by 10%, you get **121.9200, 19.0350, -42.1250**, and if you desaturate by 10%, it is **127.5040, 14.8150, -31.7210**.

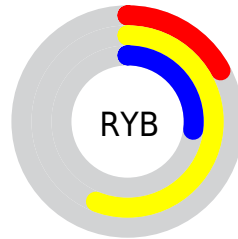
Distribution



Red (46%)

Green (56%)

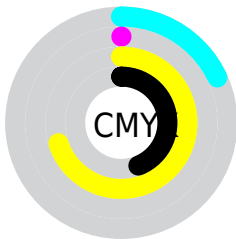
Blue (17%)



Red (17%)

Yellow (56%)

Blue (27%)

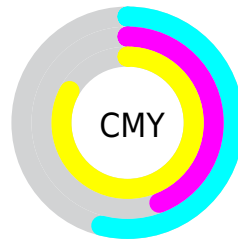


Cyan (18%)

Magenta (0%)

Yellow (70%)

Black (44%)



Cyan (54%)

Magenta (44%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 124.7120, 16.9250, -36.9230 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 124.7120, 16.9250, -36.9230 by changing the saturation by 10% instead.

■ 124.7120, 16.9250,
-36.9230

■ 124.7120, 16.9250,
-36.9230

■ 255.0000, -0.0000,
-0.0000

■ 98.2560, 18.2090,
-38.1670

■ 178.7830, 18.1630,
-37.3330

■ 74.9120, 13.4860,
-35.1700

■ 206.5550, 18.8050,
-37.9550

■ 53.3490, 5.1860,
-27.9180

■ 235.3270, 19.4470,
-38.5770

■ 31.4760, -5.1770,
-21.8250

■ 245.8800, 25.6800,
-24.8800

■ 17.0230, -7.9750,
-15.1670

■ 249.0720, 16.6920,
-16.1720

■ 0.0000, 0.0000,
0.0000

■ 252.3780, 7.3830,

-7.1530

■ 124.7120, 16.9250,
-36.9230

■ 124.7120, 16.9250,
-36.9230

■ 121.9200, 19.0350,
-42.1250

■ 127.5040, 14.8150,
-31.7210

■ 119.3130, 22.0620,
-47.4260

■ 130.1110, 11.7880,
-26.4200

■ 116.5210, 24.1720,
-52.6280

■ 132.9030, 9.6780,
-21.2180

■ 135.8090, 7.2470,
-15.7050

■ 138.6010, 5.1370,
-10.5030

■ 141.0940, 2.4310,
-5.5130

■ 144.0000, -0.0000,
0.0000

■ 146.7920, -2.1100,
5.2020

■ 149.3990, -5.1370,
10.5030

Harmonies

Analogous

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



128.9940, 51.7220, -23.2700



124.7120, 16.9250, -36.9230



114.7780, -36.1670, -43.9030

Triad

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



124.7120, 16.9250, -36.9230



113.3920, -109.8520, -13.5640



134.1890, 58.1290, 42.3610

Complementary

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



124.7120, 16.9250, -36.9230



62.2880, -16.9250, 36.9230

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.



137.9800, 22.2290, 43.1970



124.7120, 16.9250, -36.9230



108.7590, -111.9630, -2.8350

Square

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



124.7120, 16.9250, -36.9230



112.1090, -99.3500, -27.6860



135.4280, -29.3030, 29.9690



131.7770, 73.3080, 26.0760

Rectangle

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



124.7120, 16.9250, -36.9230



104.2260, -78.5310, -47.0670



135.4280, -29.3030, 29.9690



135.5670, 48.3170, 43.9730

Sweetspot

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



124.7120, 16.9250, -36.9230



178.5640, 6.5590, -14.2490



87.8740, 53.3210, 8.3370



89.5840, 3.8070, -8.4250



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.



124.7120, 16.9250, -36.9230



156.2560, 26.2360, -56.9960



109.7620, -12.8750, -47.5230



69.9030, 1.6510, -2.3890



109.1450, 22.4750, -49.4050



6.4900, 1.3760, -2.9120

Inverse Universe

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



62.2880, -16.9250, 36.9230



59.7440, -26.2360, 56.9960



77.2380, 12.8750, 47.5230



65.3960, -1.0550, 2.6010



25.8550, -22.4750, 49.4050



1.5100, -1.3760, 2.9120

Previews

White Background



This preview shows how the YIQ color 124.7120, 16.9250, -36.9230 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 124.7120, 16.9250, -36.9230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

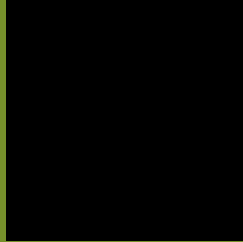
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 124.7120, 16.9250, -36.9230

Background



This preview shows how black text looks on a background with the YIQ color 124.7120, 16.9250, -36.9230.



This preview shows how white text looks on a background with the YIQ color 124.7120, 16.9250, -36.9230.

-36.9230.

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

124.7120, 16.9250, -36.9230

Protanopia

128.1820, 39.3890, -25.5310

Deuteranopia

130.0680, 48.8780, -15.7780



Tritanopia

133.7590, -6.5110, 2.3610

Trichromacy



Original Color

124.7120, 16.9250, -36.9230

Protanomaly

127.0560, 30.8160, -29.8560

Deuteranomaly

127.9800, 37.1420, -23.3540

Tritanomaly

130.6930, 1.8820, -12.0860

Monochromacy



Original Color

124.7120, 16.9250, -36.9230

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

124.7920, 5.9170, -13.6270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 124.7120, 16.9250, -36.9230 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(118, 144, 43)` looks like.

```
.text, #text, p{  
    color:rgb(118, 144, 43)  
}
```

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(118, 144, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 144, 43) }
```

Border

The CSS property to change the border of an element to YIQ 124.7120, 16.9250, -36.9230 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(118, 144, 43) }
```


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

```
.border{ border-color:rgb(118, 144, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 144, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 144, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 144, 43);  
box-shadow:4px 4px 4px 4px rgb(118, 144,  
43) }
```

Background

The CSS property to change the background color of an element to YIQ 124.7120, 16.9250, -36.9230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 144, 43) }
```

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

```
.background{ background-color: rgb(118,  
144, 43) }
```

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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