

Converting Colors

YIQ(114.9290, 6.7890, -18.4190)

Have a look what the booklet for
YIQ(114.9290, 6.7890, -18.4190)
contains.

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Color

**YIQ(114.9290, 6.7890,
-18.4190)**

Conversions

Conversions Part 1

Format	Color
Hex	6E7D4C
RGB	110, 125, 76
RGB Percent	43%, 49%, 30%
CMY	0.5687, 0.5098, 0.7019
CMYK	0.12, 0.00, 0.39, 0.51
HSL	78°, 24%, 39%
HSV	78°, 39%, 49%
XYZ	15.0678, 18.5047, 9.6181
YIQ	114.9290, 6.7890, -18.4190

Conversions

Conversions Part 2

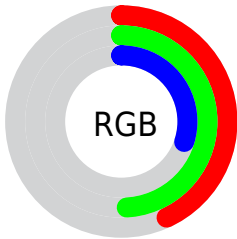
Format	Color
RYB	76, 125, 91
Decimal	7241036
CIELab	50.10, -14.32, 24.90
CIElCh	50, 28.721, 119.900
Yxy	18.5047, 0.3489, 0.4284
Android (android.graphics.Color)	4285431116 (0xFF6E7D4C)
YUV	114.9290, -19.1920, -4.3227
Hunter-Lab	43.0171, -12.7561, 16.8555

Details

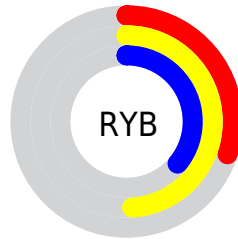
The YIQ color **114.9290, 6.7890, -18.4190** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **86.0710, -6.7890, 18.4190**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **167.2880, 7.1560, -19.5640**, and **66.2710, 5.8260, -17.4860** is the 20% darker color. If you saturate the color by 10%, you get **112.3650, 8.2570, -22.9990**, and if you desaturate by 10%, it is **117.6070, 5.0000, -13.5280**.

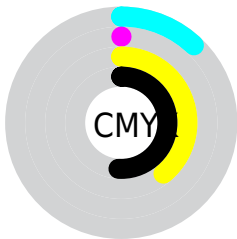
Distribution



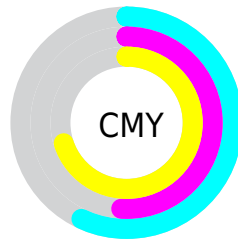
- Red (43%)
- Green (49%)
- Blue (30%)



- Red (30%)
- Yellow (49%)
- Blue (36%)



- Cyan (12%)
- Magenta (0%)
- Yellow (39%)
- Black (51%)
















- Cyan (57%)
- Magenta (51%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 114.9290, 6.7890, -18.4190 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 114.9290, 6.7890, -18.4190 by changing the saturation by 10% instead.

 114.9290, 6.7890, -18.4190	 114.9290, 6.7890, -18.4190
255.0000, -0.0000, -0.0000	 90.1570, 6.1470, -17.7970
 167.2880, 7.1560, -19.5640	 66.2710, 5.8260, -17.4860
 194.4730, 8.0730, -19.6630	 43.2710, 5.8260, -17.4860
 222.3590, 8.3940, -19.9740	 23.8670, 1.3320, -13.1320
 246.7230, 10.3650, -17.1470	 0.5870, -0.2750, -0.5230
 252.7200, 6.4200, -6.2200	 0.0000, 0.0000, 0.0000

■ 114.9290, 6.7890,
-18.4190

■ 114.9290, 6.7890,
-18.4190

■ 112.3650, 8.2570,
-22.9990

■ 117.6070, 5.0000,
-13.5280

■ 109.6870, 10.0460,
-27.8900

■ 120.1710, 3.5320,
-8.9480

■ 107.1230, 11.5140,
-32.4700

■ 122.5500, 1.1470,
-4.2690

■ 104.7440, 13.8990,
-37.1490

■ 125.1140, -0.3210,
0.3110

■ 102.1800, 15.3670,
-41.7290

■ 127.7920, -2.1100,
5.2020

■ 99.5020, 17.1560,
-46.6200

■ 130.3560, -3.5780,
9.7820

■ 99.3880, 17.4770,
-46.9310

■ 133.0340, -5.3670,
14.6730

■ 135.5980, -6.8350,

19.2530

■ 137.9770, -9.2200,
23.9320

Harmonies

Analogous

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



117.6110, 25.5400, -11.3240



114.9290, 6.7890, -18.4190



111.2450, -17.6480, -21.5840

Triad

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



114.9290, 6.7890, -18.4190



105.7490, -62.4450, -8.1810



121.7150, 32.3200, 20.0000

Complementary

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



114.9290, 6.7890, -18.4190



86.0710, -6.7890, 18.4190

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.



122.9010, 14.3010, 21.6690



114.9290, 6.7890, -18.4190



115.8820, -37.4140, 6.2500

Square

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



114.9290, 6.7890, -18.4190



98.8690, -72.0710, -20.9590



121.2770, -10.3650, 17.1470



120.4520, 40.0700, 11.7020

Rectangle

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



114.9290, 6.7890, -18.4190



107.6650, -36.4460, -22.3180



121.2770, -10.3650, 17.1470



122.1320, 26.7720, 21.4280

Sweetspot

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



114.9290, 6.7890, -18.4190



159.0400, 2.5230, -7.1810



99.4560, 25.0790, 2.5430



79.4360, 1.4680, -4.5800



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



114.9290, 6.7890, -18.4190



147.3450, 11.0090, -28.8230



107.7530, -7.5150, -23.5070



62.6040, 1.0550, -2.6010



101.4480, 17.2480, -48.2880



0.0000, 0.0000, 0.0000

Inverse Universe

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



86.0710, -6.7890, 18.4190



101.9540, -10.4130, 29.0350



93.2470, 7.5150, 23.5070



58.3960, -1.0550, 2.6010



26.2530, -17.8440, 48.0760



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 114.9290, 6.7890, -18.4190 looks on a white background.

Color Contrast Check

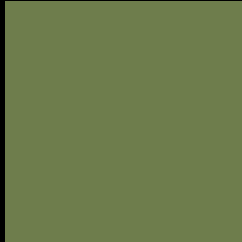
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.9290, 6.7890, -18.4190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

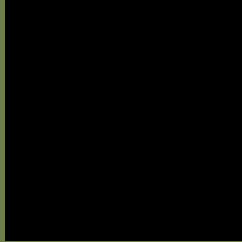
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 114.9290, 6.7890, -18.4190

Background



This preview shows how black text looks on a background with the YIQ color 114.9290, 6.7890, -18.4190.



This preview shows how white text looks on a background with the YIQ color 114.9290, 6.7890, -18.4190.

-18.4190.

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

114.9290, 6.7890, -18.4190

Protanopia

117.1590, 21.0010, -11.6630

Deuteranopia

118.6810, 28.5190, -4.7370



Tritanopia

119.4280, -4.0810, 2.3750

Trichromacy



Original Color

114.9290, 6.7890, -18.4190

Protanomaly

116.3540, 15.9580, -13.8820

Deuteranomaly

117.3270, 20.5880, -9.6840

Tritanomaly

117.5390, -0.3200, -5.2160

Monochromacy



Original Color

114.9290, 6.7890, -18.4190

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

115.1540, 2.2020, -6.8700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.9290, 6.7890, -18.4190 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(110, 125, 76)` looks like.

```
.text, #text, p{  
    color:rgb(110, 125, 76)  
}
```

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(110, 125, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 125, 76) }
```

Border

The CSS property to change the border of an element to YIQ 114.9290, 6.7890, -18.4190 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(110, 125, 76) }
```


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

```
.border{ border-color:rgb(110, 125, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 125, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 125, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 125, 76);  
box-shadow:4px 4px 4px 4px rgb(110, 125,  
76) }
```

Background

The CSS property to change the background color of an element to YIQ 114.9290, 6.7890, -18.4190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 125, 76) }
```

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

```
.background{ background-color: rgb(110,  
125, 76) }
```

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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