

Converting Colors

YIQ(75.8220, 14.4000, -18.6880)

Have a look what the booklet for
YIQ(75.8220, 14.4000, -18.6880)
contains.

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Color

**YIQ(75.8220, 14.4000,
-18.6880)**

Conversions

Conversions Part 1

Format	Color
Hex	4E541C
RGB	78, 84, 28
RGB Percent	31%, 33%, 11%
CMY	0.6942, 0.6706, 0.8901
CMYK	0.07, 0.00, 0.67, 0.67
HSL	66°, 50%, 22%
HSV	66°, 67%, 33%
XYZ	6.5213, 8.0442, 2.3092
YIQ	75.8220, 14.4000, -18.6880

Conversions

Conversions Part 2

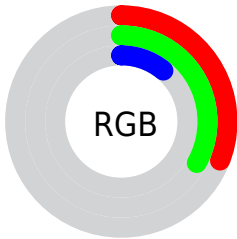
Format	Color
R_{YB}	28, 84, 34
Decimal	5133340
CIE _{Lab}	34.07, -11.15, 30.98
CIE _{LCh}	34, 32.920, 109.792
Yxy	8.0442, 0.3865, 0.4767
Android (android.graphics.Color)	4283323420 (0xFF4E541C)
YUV	75.8220, -23.5762, 1.9101
Hunter-Lab	28.3622, -8.5917, 15.0263

Details

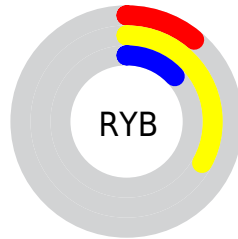
The YIQ color **75.8220, 14.4000, -18.6880** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **36.1780, -14.4000, 18.6880**, and the grayscale version is **76.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **125.1920, 16.2340, -18.8860**, and **32.4610, 8.3470, -13.6130** is the 20% darker color. If you saturate the color by 10%, you get **74.6110, 16.3720, -21.3880**, and if you desaturate by 10%, it is **77.0330, 12.4280, -15.9880**.

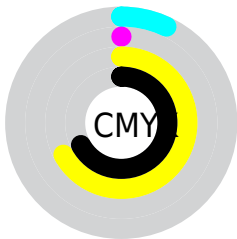
Distribution



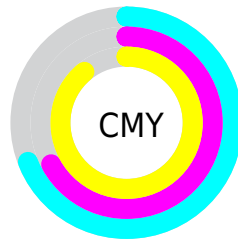
- Red (31%)
- Green (33%)
- Blue (11%)



- Red (11%)
- Yellow (33%)
- Blue (13%)



- Cyan (7%)
- Magenta (0%)
- Yellow (67%)
- Black (67%)



- Cyan (69%)
- Magenta (67%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 75.8220, 14.4000, -18.6880 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 75.8220, 14.4000, -18.6880 by changing the saturation by 10% instead.

■ 75.8220, 14.4000,
-18.6880

■ 75.8220, 14.4000,
-18.6880

■ 255.0000, -0.0000,
-0.0000

■ 52.4090, 14.1250,
-19.2110

■ 125.1920, 16.2340,
-18.8860

■ 32.4610, 8.3470,
-13.6130

■ 151.5510, 16.6010,
-20.0310

■ 11.7400, -5.5000,
-10.4600

■ 178.7360, 17.5180,
-20.1300

■ 0.0000, 0.0000,
0.0000

■ 205.9210, 18.4350,
-20.2290

■ 234.3940, 18.4810,
-21.0630

■ 249.3000, 16.0500,

-15.5500

252.6060, 6.7410,
-6.5310

75.8220, 14.4000,
-18.6880

75.8220, 14.4000,
-18.6880

74.6110, 16.3720,
-21.3880

77.0330, 12.4280,
-15.9880

73.2860, 18.6650,
-24.3990

78.3580, 10.1350,
-12.9770

72.0750, 20.6370,
-27.0990

79.5690, 8.1630,
-10.2770

71.7330, 21.6000,
-28.0320

80.8940, 5.8700,
-7.2660

82.1050, 3.8980,
-4.5660

■ 83.0170, 1.3300,
-2.0780

■ 84.3420, -0.9630,
0.9330

■ 85.5530, -2.9350,
3.6330

■ 86.8780, -5.2280,
6.6440

Harmonies

Analogous

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



78.1880, 31.2250, -9.7270



75.8220, 14.4000, -18.6880



72.0130, -11.1830, -23.1110

Triad

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



75.8220, 14.4000, -18.6880



66.9830, -63.2240, -10.5840



81.3820, 29.0640, 23.9440

Complementary

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



75.8220, 14.4000, -18.6880



36.1780, -14.4000, 18.6880

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.



82.5350, 6.6440, 22.7720



75.8220, 14.4000, -18.6880



65.4160, -65.7010, -4.2370

Square

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



75.8220, 14.4000, -18.6880



65.6490, -56.7120, -18.4720



79.6390, -23.2480, 13.8400



79.9130, 40.3900, 16.9180

Rectangle

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



75.8220, 14.4000, -18.6880



64.5460, -37.7290, -26.6010



79.6390, -23.2480, 13.8400



82.0870, 22.6450, 24.6370

Sweetspot

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



75.8220, 14.4000, -18.6880



106.5950, 5.2740, -7.4780



48.2660, 31.7260, 8.7340



54.2190, 3.5770, -4.2550



184.0000, 0.0000, -0.0000



56.0000, -0.0000, 0.0000

Same Dimension

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



75.8220, 14.4000, -18.6880



96.9780, 22.2880, -29.4880



67.4500, -2.2880, -24.6240



40.2450, 0.6880, -1.4560



89.4420, 26.5530, -35.1990



198.0770, 59.5720, -77.4520

Inverse Universe

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



36.1780, -14.4000, 18.6880



34.7230, -22.8840, 29.2760



44.5500, 2.2880, 24.6240



37.4560, -1.2840, 1.2440



15.2590, -27.1490, 34.9870



33.9230, -59.5720, 77.4520

Previews

White Background



This preview shows how the YIQ color 75.8220, 14.4000, -18.6880 looks on a white background.

Color Contrast Check

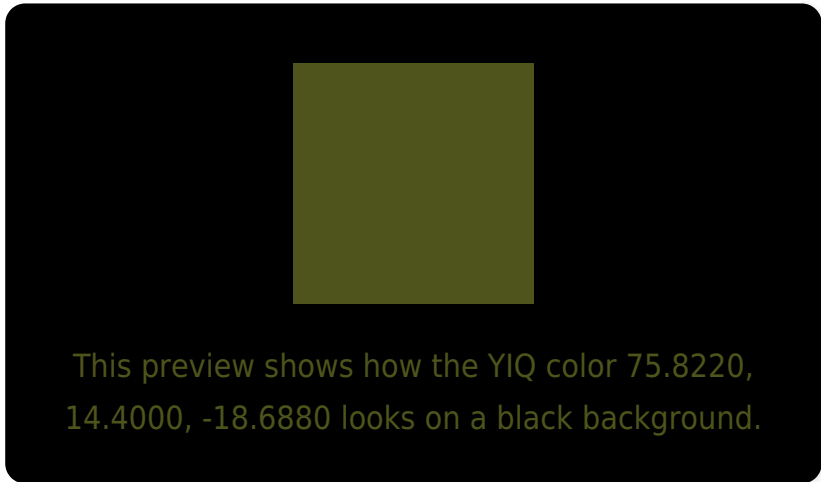
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

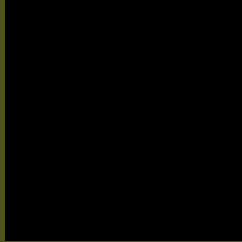
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 75.8220, 14.4000, -18.6880

Background



This preview shows how black text looks on a background with the YIQ color 75.8220, 14.4000, -18.6880.



This preview shows how white text looks on a background with the YIQ color 75.8220, 14.4000, -18.6880.

-18.6880.

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

75.8220, 14.4000, -18.6880

Protanopia

76.9480, 22.9730, -14.3630

Deuteranopia

78.0460, 28.7490, -8.9070



Tritanopia

81.1790, 1.0540, 2.9260

Trichromacy



Original Color

75.8220, 14.4000, -18.6880

Protanomaly

76.3390, 20.3140, -15.7340

Deuteranomaly

77.3010, 23.4770, -12.4830

Tritanomaly

79.3610, 6.0530, -5.0750

Monochromacy



Original Color

75.8220, 14.4000, -18.6880

Achromatopsia

76.0000, -0.0000, -0.0000

Achromatomaly

76.1220, 5.2280, -6.6440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 75.8220, 14.4000, -18.6880 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(78, 84, 28)` looks like.

```
.text, #text, p{  
    color:rgb(78, 84, 28)  
}
```

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(78, 84, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 84, 28) }
```

Border

The CSS property to change the border of an element to YIQ 75.8220, 14.4000, -18.6880 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(78, 84, 28) }
```


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

```
.border{ border-color:rgb(78, 84, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 84, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 84, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 84, 28);  
box-shadow:4px 4px 4px 4px rgb(78, 84, 28)  
}
```

Background

The CSS property to change the background color of an element to YIQ 75.8220, 14.4000, -18.6880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 84, 28) }
```

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

```
.background{ background-color: rgb(78, 84,  
28) }
```

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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