

Converting Colors

YIQ(75.5410, 14.5340, 0.9180)

Have a look what the booklet for
YIQ(75.5410, 14.5340, 0.9180)
contains.

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Color

**YIQ(75.5410, 14.5340,
0.9180)**

Conversions

Conversions Part 1

Format	Color
Hex	5A473D
RGB	90, 71, 61
RGB Percent	35%, 28%, 24%
CMY	0.6470, 0.7216, 0.7607
CMYK	0.00, 0.21, 0.32, 0.65
HSL	21°, 19%, 30%
HSV	21°, 32%, 35%
XYZ	7.3129, 7.0167, 5.3862
YIQ	75.5410, 14.5340, 0.9180

Conversions

Conversions Part 2

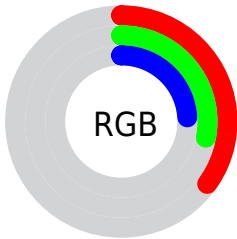
Format	Color
RYB	90, 76, 61
Decimal	5916477
CIELab	31.84, 6.43, 9.07
CIELCh	32, 11.122, 54.665
Yxy	7.0167, 0.3709, 0.3559
Android (android.graphics.Color)	4284106557 (0xFF5A473D)
YUV	75.5410, -7.1687, 12.6805
Hunter-Lab	26.4891, 2.9230, 6.4866

Details

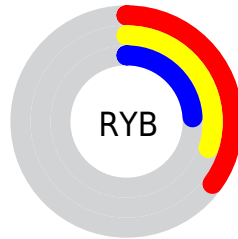
The YIQ color **75.5410, 14.5340, 0.9180** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **75.4590, -14.5340, -0.9180**, and the grayscale version is **76.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **124.3240, 16.6430, 1.2430**, and **31.4590, 11.8290, 0.3810** is the 20% darker color. If you saturate the color by 10%, you get **70.9930, 19.0730, 1.2570**, and if you desaturate by 10%, it is **80.0890, 9.9950, 0.5790**.

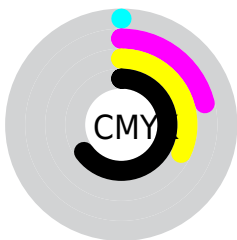
Distribution



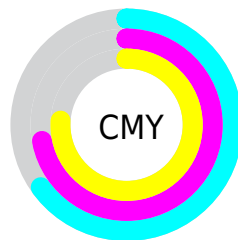
- Red (35%)
- Green (28%)
- Blue (24%)



- Red (35%)
- Yellow (30%)
- Blue (24%)



- Cyan (0%)
- Magenta (21%)
- Yellow (32%)
- Black (65%)



- Cyan (65%)
- Magenta (72%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 75.5410, 14.5340, 0.9180 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 75.5410, 14.5340, 0.9180 by changing the saturation by 10% instead.

■ 75.5410, 14.5340,
0.9180

■ 75.5410, 14.5340,
0.9180

255.0000, -0.0000,
-0.0000

■ 52.9430, 13.3420,
0.4940

■ 124.3240, 16.6430,
1.2430

■ 31.4590, 11.8290,
0.3810

■ 150.3240, 16.6430,
1.2430

■ 7.1650, 12.8370,
4.1410

■ 177.5090, 17.5600,
1.1440

■ 0.0000, 0.0000,
0.0000

■ 204.8080, 18.1560,
1.3560

■ 232.8080, 18.1560,
1.3560

■ 253.6320, 3.8520,

-3.7320

■ 75.5410, 14.5340,
0.9180

■ 75.5410, 14.5340,
0.9180

■ 70.9930, 19.0730,
1.2570

■ 80.0890, 9.9950,
0.5790

■ 66.4450, 23.6120,
1.5960

■ 84.6370, 5.4560,
0.2400

■ 61.8970, 28.1510,
1.9350

■ 89.1850, 0.9170,
-0.0990

■ 57.3490, 32.6900,
2.2740

■ 93.7330, -3.6220,
-0.4380

■ 52.8010, 37.2290,
2.6130

■ 98.2810, -8.1610,
-0.7770

■ 48.8400, 41.4930,
2.4290

■ 102.2420,
-12.4250, -0.5930

■ 45.1070, 45.1150,
2.8670

■ 106.7900,
-16.9640, -0.9320

■ 111.3380,
-21.5030, -1.2710

■ 115.8860,
-26.0420, -1.6100

Harmonies

Analogous

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



76.0620, 14.6250, 4.7770



75.5410, 14.5340, 0.9180



74.8670, 10.5000, -3.0680

Triad

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



75.5410, 14.5340, 0.9180



71.7270, -12.6530, -7.4770



75.3510, -5.1820, 5.8100

Complementary

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



75.5410, 14.5340, 0.9180



75.4590, -14.5340, -0.9180

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.



73.9370, -12.8840, 2.2200



75.5410, 14.5340, 0.9180



71.5570, -17.9260, -5.5260

Square

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



75.5410, 14.5340, 0.9180



72.9190, -4.4460, -7.5340



72.6650, -18.1100, -2.1900



76.1950, 4.1250, 7.8450

Rectangle

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



75.5410, 14.5340, 0.9180



74.2470, 6.3740, -5.3860



72.6650, -18.1100, -2.1900



75.1550, -7.5660, 4.9620

Sweetspot

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



75.5410, 14.5340, 0.9180



111.6370, 5.4560, 0.2400



71.8370, 11.1850, 12.0570



55.2670, 3.6220, 0.4380



186.0000, -0.0000, -0.0000



59.0000, 0.0000, -0.0000

Same Dimension

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



75.5410, 14.5340, 0.9180



94.2600, 22.6950, 1.6950



83.7590, 10.6840, -6.4040



43.6690, 2.4300, 0.0140



55.1960, 55.1100, 3.4460



118.9970, 118.7020, 7.3580

Inverse Universe

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



75.4590, -14.5340, -0.9180



94.7400, -22.6950, -1.6950



67.2410, -10.6840, 6.4040



43.3310, -2.4300, -0.0140



54.8040, -55.1100, -3.4460



118.5900, -118.9770, -7.8810

Previews

White Background



This preview shows how the YIQ color 75.5410, 14.5340, 0.9180 looks on a white background.

Color Contrast Check

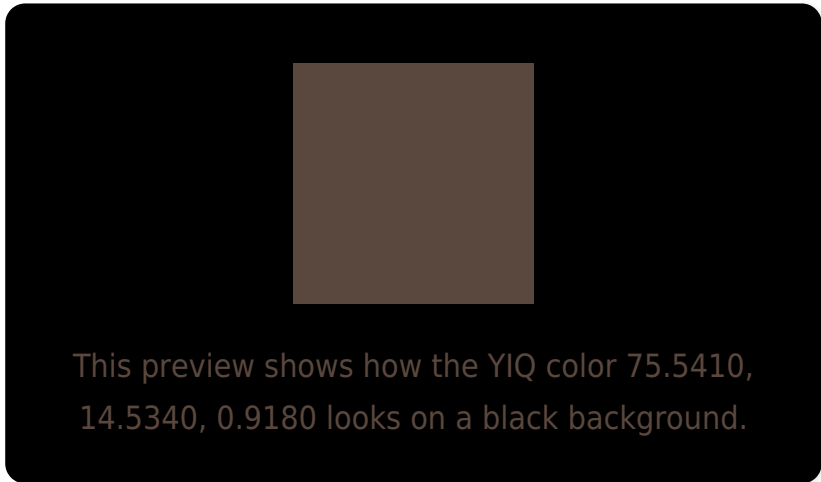
Large Text (above 18pt) WCAG AA ✓ Pass

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

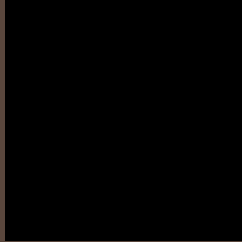
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 75.5410, 14.5340, 0.9180

Background



This preview shows how black text looks on a background with the YIQ color 75.5410, 14.5340, 0.9180.



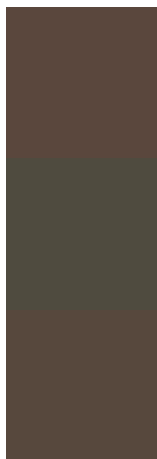
This preview shows how white text looks on a background with the YIQ color 75.5410, 14.5340,

0.9180.

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

75.5410, 14.5340, 0.9180

Protanopia

74.8280, 6.2360, -2.8840

Deuteranopia

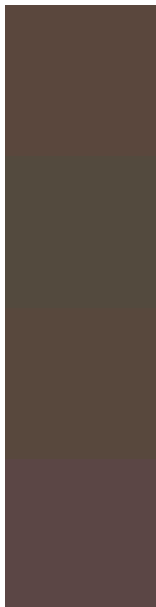
75.2310, 12.4710, -0.2410



Tritanopia

76.1480, 11.5070, 6.2190

Trichromacy



Original Color

75.5410, 14.5340, 0.9180

Protanomaly

75.3230, 9.2160, -1.8240

Deuteranomaly

75.5300, 13.0670, -0.0290

Tritanomaly

76.1650, 12.8370, 4.1410

Monochromacy



Original Color

75.5410, 14.5340, 0.9180

Achromatopsia

76.0000, -0.0000, -0.0000

Achromatomaly

75.7510, 5.1350, 0.5510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 75.5410, 14.5340, 0.9180 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(90, 71, 61)` looks like.

```
.text, #text, p{  
    color:rgb(90, 71, 61)  
}
```

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(90, 71, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 71, 61) }
```

Border

The CSS property to change the border of an element to YIQ 75.5410, 14.5340, 0.9180 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(90, 71, 61) }
```


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

```
.border{ border-color:rgb(90, 71, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 71, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 71, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 71, 61);  
box-shadow:4px 4px 4px 4px rgb(90, 71, 61)  
}
```

Background

The CSS property to change the background color of an element to YIQ 75.5410, 14.5340, 0.9180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 71, 61) }
```

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

```
.background{ background-color: rgb(90, 71,  
61) }
```

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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