

Converting Colors

YIQ(74.4610, 142.4440, 50.6680)

Have a look what the booklet for
YIQ(74.4610, 142.4440, 50.6680)
contains.

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Color

**YIQ(74.4610, 142.4440,
50.6680)**

Conversions

Conversions Part 1

Format	Color
Hex	F20303
RGB	242, 3, 3
RGB Percent	95%, 1%, 1%
CMY	0.0504, 0.9884, 0.9877
CMYK	0.00, 0.99, 0.99, 0.05
HSL	360°, 98%, 48%
HSV	360°, 99%, 95%
XYZ	36.7164, 18.9728, 1.8172
YIQ	74.4610, 142.4440, 50.6680

Conversions

Conversions Part 2

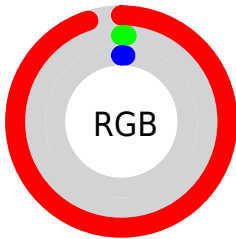
Format	Color
RYB	242, 3, 3
Decimal	15860483
CIELab	50.66, 76.84, 63.81
CIELCh	51, 99.882, 39.708
Yxy	18.9728, 0.6385, 0.3299
Android (android.graphics.Color)	4294050563 (0xFFFF20303)
YUV	74.4610, -35.2303, 146.9317
Hunter-Lab	43.5577, 74.2384, 28.0168

Details

The YIQ color **74.4610, 142.4440, 50.6680** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark saturated red. A complement of this color would be **170.5390, -142.4440, -50.6680**, and the grayscale version is **75.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **138.1490, 107.1910, 23.2470**, and **52.3250, 104.3000, 37.1000** is the 20% darker color. If you saturate the color by 10%, you get **72.3580, 144.2320, 51.3040**, and if you desaturate by 10%, it is **91.2850, 128.1400, 45.5800**.

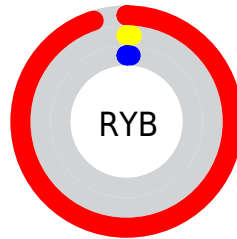
Distribution



Red (95%)

Green (1%)

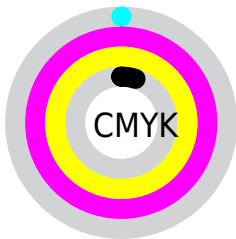
Blue (1%)



Red (95%)

Yellow (1%)

Blue (1%)

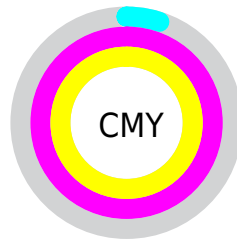


Cyan (0%)

Magenta (99%)

Yellow (99%)

Black (5%)



Cyan (5%)


Magenta (99%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 74.4610, 142.4440, 50.6680 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 74.4610, 142.4440, 50.6680 by changing the saturation by 10% instead.


 74.4610, 142.4440,
50.6680


 74.4610, 142.4440,
50.6680


 254.2020, 2.2470,
-2.1770

 62.1920, 123.9680,
44.0960


 138.1490,
107.1910, 23.2470


 52.3250, 104.3000,
37.1000


 159.1960, 90.6410,
14.8090


 42.4580, 84.6320,
30.1040


 179.7700, 74.0450,
7.2050

 33.1180, 64.9180,
23.9420

 200.3440, 57.4490,
-0.3990

 24.3760, 46.3960,
18.2040

 221.0320, 40.5320,
-7.6920

 14.2810, 27.3700,
10.5860


 242.4210, 23.0190,


 0.0000, 0.0000,


-15.1970


0.0000


 250.8960, 11.5560,
-11.1960

 74.4610, 142.4440,
50.6680


 74.4610, 142.4440,
50.6680

 72.3580, 144.2320,
51.3040

 91.2850, 128.1400,
45.5800

 108.2230,
113.5150, 40.8030

 125.6340, 98.9360,
35.1920

 142.4580, 84.6320,
30.1040

 159.2820, 70.3280,
25.0160

■ 176.1060, 56.0240,
19.9280

■ 193.0440, 41.3990,
15.1510

■ 210.4550, 26.8200,
9.5400

■ 227.2790, 12.5160,
4.4520

Harmonies

Analogous

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



87.4170, 120.5220, 84.5380



74.4610, 142.4440, 50.6680



112.2980, 89.4530, -7.7230

Triad

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



74.4610, 142.4440, 50.6680



94.3200, -58.9050, -61.3450



102.4450, -116.2300, 13.9300

Complementary

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



74.4610, 142.4440, 50.6680



170.5390, -142.4440, -50.6680

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.



114.7720, -122.0050, 2.9470



74.4610, 142.4440, 50.6680



106.5690, -89.2620, -34.3020

Square

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



74.4610, 142.4440, 50.6680



83.9410, -39.3250, -74.7890



115.9170, -115.5840, -8.8000



118.9940, -14.7760, 69.5760

Rectangle

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



74.4610, 142.4440, 50.6680



113.5180, 55.7580, -30.3380



115.9170, -115.5840, -8.8000



107.7280, -118.7050, 9.2230

Sweetspot

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



74.4610, 142.4440, 50.6680



201.7240, 45.2960, 16.1120



100.5110, 63.3410, 124.1490



95.7540, 27.4160, 9.7520



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



74.4610, 142.4440, 50.6680



76.2450, 151.9800, 54.0600



142.5530, 110.5440, -10.0000



111.5880, 7.1520, 2.5440



55.0160, 109.6640, 39.0080



16.7440, 33.3760, 11.8720

Inverse Universe

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



74.4610, 142.4440, 50.6680



76.2450, 151.9800, 54.0600



103.0340, -110.8190, 9.4770



111.5880, 7.1520, 2.5440



55.0160, 109.6640, 39.0080



16.7440, 33.3760, 11.8720

Previews

White Background



This preview shows how the YIQ color 74.4610, 142.4440, 50.6680 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 74.4610, 142.4440, 50.6680 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 74.4610, 142.4440, 50.6680

Background



This preview shows how black text looks on a background with the YIQ color 74.4610, 142.4440, 50.6680.



This preview shows how white text looks on a background with the YIQ color 74.4610, 142.4440,

50.6680.

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

74.4610, 142.4440, 50.6680

Protanopia

116.2250, 37.8300, -24.8100

Deuteranopia

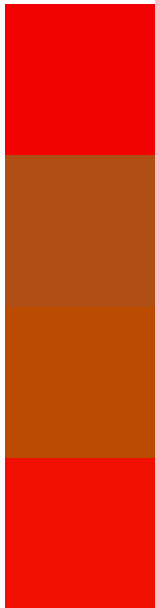
114.1380, 59.8840, -28.0200



Tritanopia

84.6740, 136.9900, 39.3740

Trichromacy



Original Color

74.4610, 142.4440, 50.6680

Protanomaly

101.2060, 75.5130, 2.6250

Deuteranomaly

99.7530, 89.9100, 0.5180

Tritanomaly

80.9780, 139.1900, 43.5580

Monochromacy



Original Color

74.4610, 142.4440, 50.6680

Achromatopsia

74.0000, -0.0000, 0.0000

Achromatomaly

74.0130, 51.8520, 18.4440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 74.4610, 142.4440, 50.6680 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(242, 3, 3)` looks like.

```
.text, #text, p{  
    color:rgb(242, 3, 3)  
}
```

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(242, 3, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 3, 3) }
```

Border

The CSS property to change the border of an element to YIQ 74.4610, 142.4440, 50.6680 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(242, 3, 3) }
```


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

```
.border{ border-color:rgb(242, 3, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 3, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 3, 3); -webkit-box-shadow:4px  
4px 4px 4px rgb(242, 3, 3); box-shadow:4px  
4px 4px 4px rgb(242, 3, 3) }
```

Background

The CSS property to change the background color of an element to YIQ 74.4610, 142.4440, 50.6680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 3, 3) }
```

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

```
.background{ background-color: rgb(242, 3,  
3) }
```

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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