

Converting Colors

YIQ(74.6310, 94.9910, 46.1190)

Have a look what the booklet for
YIQ(74.6310, 94.9910, 46.1190)
contains.

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Color

**YIQ(74.6310, 94.9910,
46.1190)**

Conversions

Conversions Part 1

Format	Color
Hex	C21330
RGB	194, 19, 48
RGB Percent	76%, 7%, 19%
CMY	0.2388, 0.9257, 0.8114
CMYK	0.00, 0.90, 0.75, 0.24
HSL	350°, 82%, 42%
HSV	350°, 90%, 76%
XYZ	23.0436, 12.1614, 3.9390
YIQ	74.6310, 94.9910, 46.1190

Conversions

Conversions Part 2

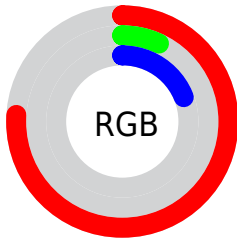
Format	Color
RYB	194, 19, 48
Decimal	12718896
CIELab	41.47, 64.05, 32.94
CIElCh	41, 72.027, 27.217
Yxy	12.1614, 0.5887, 0.3107
Android (android.graphics.Color)	4290908976 (0xFFC21330)
YUV	74.6310, -13.1291, 104.6866
Hunter-Lab	34.8732, 56.9214, 17.7144

Details

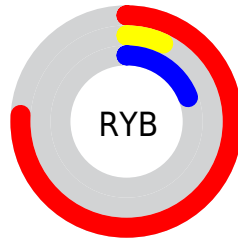
The YIQ color **74.6310, 94.9910, 46.1190** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **138.3690, -94.9910, -46.1190**, and the grayscale version is **75.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **139.2040, 97.3310, 36.7470**, and **39.8100, 77.7090, 28.9170** is the 20% darker color. If you saturate the color by 10%, you get **61.6540, 105.3520, 51.0800**, and if you desaturate by 10%, it is **87.6080, 84.6300, 41.1580**.

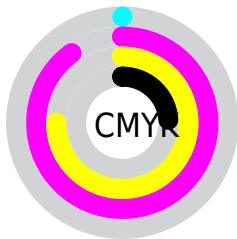
Distribution



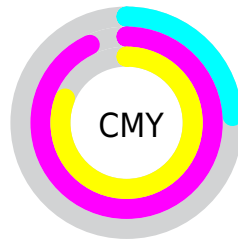
- Red (76%)
- Green (7%)
- Blue (19%)



- Red (76%)
- Yellow (7%)
- Blue (19%)



- Cyan (0%)
- Magenta (90%)
- Yellow (75%)
- Black (24%)



- Cyan (24%)
- Magenta (93%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 74.6310, 94.9910, 46.1190 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 74.6310, 94.9910, 46.1190 by changing the saturation by 10% instead.

■ 74.6310, 94.9910,
46.1190

■ 74.6310, 94.9910,
46.1190

255.0000, -0.0000,
-0.0000

■ 51.8150, 88.4810,
42.9530

■ 139.2040, 97.3310,
36.7470

■ 39.8100, 77.7090,
28.9170

■ 159.0770, 81.3310,
29.3550

■ 30.1990, 60.1960,
21.4120

■ 179.0640, 65.0100,
22.2740

■ 21.8700, 41.9490,
16.1970

■ 199.0510, 48.6890,
15.1930

■ 12.0740, 23.5190,
8.7910

■ 219.2660, 31.7260,
8.7340

■ 0.0000, 0.0000,
0.0000

■ 239.4810, 14.7630,

2.2750

■ 74.6310, 94.9910,
46.1190

■ 74.6310, 94.9910,
46.1190

■ 61.6540, 105.3520,
51.0800

■ 87.6080, 84.6300,
41.1580

■ 101.1720, 73.9940,
35.6740

■ 114.2630, 63.3120,
31.0240

■ 127.8270, 52.6760,
25.5400

■ 140.8040, 42.3150,
20.5790

■ 153.7810, 31.9540,
15.6180

■ 167.3450, 21.3180,
10.1340

■ 180.4360, 10.6360,
5.4840

■ 194.0000, -0.0000,
0.0000

Harmonies

Analogous

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



70.3890, 82.1940, 74.3060



74.6310, 94.9910, 46.1190



88.9740, 81.9780, 1.0980

Triad

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



74.6310, 94.9910, 46.1190



72.0020, -40.1540, -54.2500



88.2480, -99.6780, 11.3140

Complementary

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



74.6310, 94.9910, 46.1190



138.3690, -94.9910, -46.1190

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.



92.4250, -96.2830, -0.6590



74.6310, 94.9910, 46.1190



81.8740, -62.4400, -35.8160

Square

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



74.6310, 94.9910, 46.1190



84.3040, 9.0860, -43.5380



88.8280, -82.0210, -16.8450



94.4940, -46.8640, 34.3520

Rectangle

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



74.6310, 94.9910, 46.1190



92.3420, 59.7900, -15.2980



88.8280, -82.0210, -16.8450



90.8410, -100.0900, 7.7660

Sweetspot

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



74.6310, 94.9910, 46.1190



205.7000, 36.6760, 18.1480



82.6040, 30.8410, 85.3770



99.9430, 22.5100, 10.5580



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.



74.6310, 94.9910, 46.1190



80.1360, 136.7100, 66.4860



105.3710, 88.3500, 6.7660



90.2180, 5.3180, 2.7420



51.2170, 87.2890, 42.5290



10.5510, 17.7420, 8.8620

Inverse Universe

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



74.6310, 94.9910, 46.1190



80.1360, 136.7100, 66.4860



107.6290, -88.3500, -6.7660



90.2180, 5.3180, 2.7420



51.2170, 87.2890, 42.5290



10.5510, 17.7420, 8.8620

Previews

White Background



This preview shows how the YIQ color 74.6310, 94.9910, 46.1190 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 × Fail

Black Background



This preview shows how the YIQ color 74.6310, 94.9910, 46.1190 looks on a black 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

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

YIQ 74.6310, 94.9910, 46.1190

Background



This preview shows how black text looks on a background with the YIQ color 74.6310, 94.9910, 46.1190.



This preview shows how white text looks on a background with the YIQ color 74.6310, 94.9910,

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

74.6310, 94.9910, 46.1190

Protanopia

98.2000, 13.7560, -7.0120

Deuteranopia

96.4720, 36.1770, -11.3670



Tritanopia

75.7760, 101.4120, 34.3720

Trichromacy



Original Color

74.6310, 94.9910, 46.1190

Protanomaly

89.8330, 43.3710, 12.4510

Deuteranomaly

88.5540, 57.2180, 9.2980

Tritanomaly

75.0410, 99.3480, 38.7400

Monochromacy



Original Color

74.6310, 94.9910, 46.1190

Achromatopsia

75.0000, -0.0000, -0.0000

Achromatomaly

74.9770, 34.3380, 16.4660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 74.6310, 94.9910, 46.1190 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(194, 19, 48)` looks like.

```
.text, #text, p{  
    color:rgb(194, 19, 48)  
}
```

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(194, 19, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 19, 48) }
```

Border

The CSS property to change the border of an element to YIQ 74.6310, 94.9910, 46.1190 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(194, 19, 48) }
```


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

```
.border{ border-color:rgb(194, 19, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 19, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 19, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 19, 48);  
box-shadow:4px 4px 4px 4px rgb(194, 19,  
48) }
```

Background

The CSS property to change the background color of an element to YIQ 74.6310, 94.9910, 46.1190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 19, 48) }
```

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

```
.background{ background-color: rgb(194, 19,  
48) }
```

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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