

Converting Colors

YIQ(81.7190, 96.4180, 14.7380)

Have a look what the booklet for
YIQ(81.7190, 96.4180, 14.7380)
contains.

YIQ(81.7190, 96.4180, 14.7380)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(81.7190, 96.4180,
14.7380)**

Conversions

Conversions Part 1

Format	Color
Hex	B72E00
RGB	183, 46, 0
RGB Percent	72%, 18%, 0%
CMY	0.2821, 0.8198, 0.9996
CMYK	0.00, 0.75, 1.00, 0.28
HSL	15°, 100%, 36%
HSV	15°, 100%, 72%
XYZ	20.5218, 12.0263, 1.2428
YIQ	81.7190, 96.4180, 14.7380

Conversions

Conversions Part 2

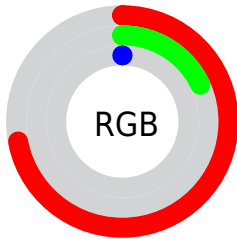
Format	Color
R_{YB}	183, 61, 0
Decimal	12004864
CIE _{Lab}	41.26, 53.16, 53.69
CIE _{LCh}	41, 75.554, 45.285
Yxy	12.0263, 0.6073, 0.3559
Android (android.graphics.Color)	4290194944 (0xFFB72E00)
YUV	81.7190, -40.2875, 88.8234
Hunter-Lab	34.6790, 44.9420, 22.1506

Details

The YIQ color **81.7190, 96.4180, 14.7380** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **101.2810, -96.4180, -14.7380**, and the grayscale version is **82.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **139.8830, 101.8280, 15.8120**, and **35.8800, 71.5200, 25.4400** is the 20% darker color. If you saturate the color by 10%, you get **81.7190, 96.4180, 14.7380**, and if you desaturate by 10%, it is **91.9890, 86.7900, 13.0140**.

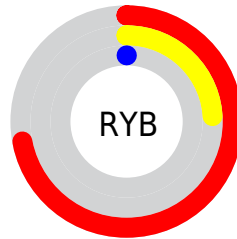
Distribution



Red (72%)

Green (18%)

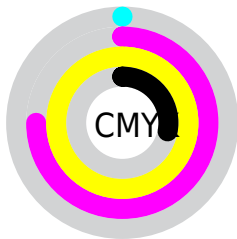
Blue (0%)



Red (72%)

Yellow (24%)

Blue (0%)

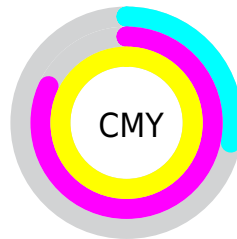


Cyan (0%)

Magenta (75%)

Yellow (100%)

Black (28%)



Cyan (28%)


Magenta (82%)


Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the YIQ color 81.7190, 96.4180, 14.7380 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 81.7190, 96.4180, 14.7380 by changing the saturation by 10% instead.


 81.7190, 96.4180,
14.7380


 81.7190, 96.4180,
14.7380


 253.2900, 4.8150,
-4.6650


 49.5570, 88.6670,
28.5630


 139.8830,
101.8280, 15.8120


 36.1790, 72.1160,
25.6520


 160.8600, 91.4670,
10.8510


 26.9100, 53.6400,
19.0800


 180.2600, 75.4210,
4.2930

 19.0650, 36.9060,
13.9780

 199.6600, 59.3750,
-2.2650

 8.7850, 16.9630,
6.4590

 219.6470, 43.0540,
-9.3460

 0.0000, 0.0000,
0.0000

 239.8620, 26.0910,

-15.8050

■ 250.0980, 13.8030,
-13.3730

■ 81.7190, 96.4180,
14.7380

■ 91.9890, 86.7900,
13.0140

■ 101.7860, 77.1160,
12.1240

■ 112.0560, 67.4880,
10.4000

■ 122.3260, 57.8600,
8.6760

■ 132.7100, 47.9110,
7.2630

■ 142.3930, 38.5580,
6.0620

■ 152.6630, 28.9300,
4.3380

■ 163.0470, 18.9810,
2.9250

■ 172.7300, 9.6280,
1.7240

Harmonies

Analogous

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



67.9650, 97.6470, 64.0710



81.7190, 96.4180, 14.7380



91.7770, 62.9990, -12.8810

Triad

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



81.7190, 96.4180, 14.7380



78.2090, -53.4980, -43.6900



80.7310, -96.4240, 18.4240

Complementary

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



81.7190, 96.4180, 14.7380



101.2810, -96.4180, -14.7380

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.



91.8840, -101.6490, 8.4870



81.7190, 96.4180, 14.7380



86.3200, -74.9590, -23.6870

Square

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



81.7190, 96.4180, 14.7380



68.0920, -31.9000, -60.6680



92.1170, -92.6600, -5.7480



97.0880, 4.8500, 55.2980

Rectangle

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



81.7190, 96.4180, 14.7380



91.0030, 38.3350, -28.4570



92.1170, -92.6600, -5.7480



85.8830, -99.9080, 15.4840

Sweetspot

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



81.7190, 96.4180, 14.7380



197.7950, 37.3660, 5.6380



70.3350, 65.0910, 81.4030



96.3140, 22.6030, 3.3630



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



81.7190, 96.4180, 14.7380



105.4960, 125.0270, 19.3870



135.1360, 71.3930, -32.8550



86.8650, 4.8140, 0.8620



69.5370, 82.2510, 12.6750



12.4810, 14.7630, 2.2750

Inverse Universe

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



101.2810, -96.4180, -14.7380



131.5040, -125.0270, -19.3870



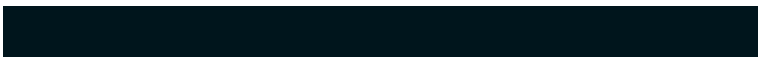
47.8640, -71.3930, 32.8550



87.5480, -4.5390, -0.3390



86.4630, -82.2510, -12.6750



15.5190, -14.7630, -2.2750

Previews

White Background



This preview shows how the YIQ color 81.7190, 96.4180, 14.7380 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 81.7190, 96.4180, 14.7380 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 81.7190, 96.4180, 14.7380

Background



This preview shows how black text looks on a background with the YIQ color 81.7190, 96.4180, 14.7380.



This preview shows how white text looks on a background with the YIQ color 81.7190, 96.4180,

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

81.7190, 96.4180, 14.7380

Protanopia

93.6960, 32.1900, -21.7140

Deuteranopia

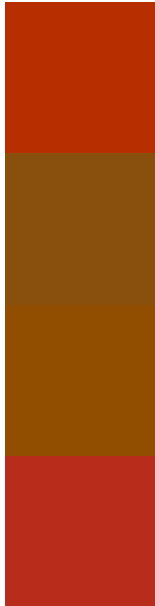
92.2540, 48.0540, -22.8740



Tritanopia

85.2730, 83.7150, 30.2030

Trichromacy



Original Color

81.7190, 96.4180, 14.7380

Protanomaly

89.4050, 55.4790, -8.7530

Deuteranomaly

88.5540, 65.2450, -9.5310

Tritanomaly

84.0360, 88.5760, 24.7040

Monochromacy



Original Color

81.7190, 96.4180, 14.7380

Achromatopsia

82.0000, 0.0000, -0.0000

Achromatomaly

82.0120, 35.2570, 5.3130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 81.7190, 96.4180, 14.7380 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(183, 46, 0)` looks like.

```
.text, #text, p{  
    color:rgb(183, 46, 0)  
}
```

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(183, 46, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 46, 0) }
```

Border

The CSS property to change the border of an element to YIQ 81.7190, 96.4180, 14.7380 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(183, 46, 0) }
```


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

```
.border{ border-color:rgb(183, 46, 0) }
```

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

Here you see how a box with a 4 pixel rgb(183, 46, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 46, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 46, 0);  
box-shadow:4px 4px 4px 4px rgb(183, 46, 0)  
}
```

Background

The CSS property to change the background color of an element to YIQ 81.7190, 96.4180, 14.7380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 46, 0) }
```

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

```
.background{ background-color: rgb(183, 46,  
0) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor