

Converting Colors

YIQ(100.0880, 81.6570, 1.4090)

Have a look what the booklet for
YIQ(100.0880, 81.6570, 1.4090)
contains.

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Color

**YIQ(100.0880, 81.6570,
1.4090)**

Conversions

Conversions Part 1

Format	Color
Hex	B34D0C
RGB	179, 77, 12
RGB Percent	70%, 30%, 5%
CMY	0.2978, 0.6982, 0.9526
CMYK	0.00, 0.57, 0.93, 0.30
HSL	23°, 87%, 37%
HSV	23°, 93%, 70%
XYZ	21.3201, 14.9184, 2.1067
YIQ	100.0880, 81.6570, 1.4090

Conversions

Conversions Part 2

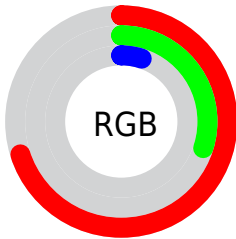
Format	Color
R_{YB}	179, 118, 12
Decimal	11750668
CIE Lab	45.52, 38.62, 52.38
CIE LCh	46, 65.077, 53.600
Yxy	14.9184, 0.5560, 0.3891
Android (android.graphics.Color)	4289940748 (0xFFB34D0C)
YUV	100.0880, -43.4274, 69.2058
Hunter-Lab	38.6243, 30.9373, 23.8031

Details

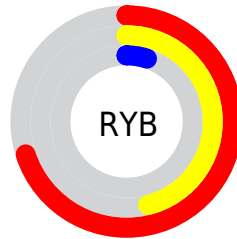
The YIQ color **100.0880, 81.6570, 1.4090** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **90.9120, -81.6570, -1.4090**, and the grayscale version is **100.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **155.1920, 87.2960, 3.8400**, and **50.8430, 63.7740, 11.6300** is the 20% darker color. If you saturate the color by 10%, you get **94.6110, 87.4340, 1.3380**, and if you desaturate by 10%, it is **108.5970, 72.8540, 1.2540**.

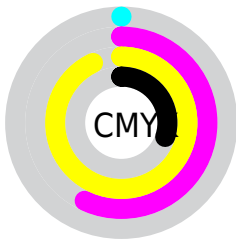
Distribution



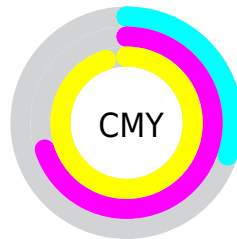
- Red (70%)
- Green (30%)
- Blue (5%)



- Red (70%)
- Yellow (46%)
- Blue (5%)



- Cyan (0%)
- Magenta (57%)
- Yellow (93%)
- Black (30%)



- Cyan (30%)
- Magenta (70%)
- Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 100.0880, 81.6570, 1.4090 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 100.0880, 81.6570, 1.4090 by changing the saturation by 10% instead.

100.0880, 81.6570,
1.4090

100.0880, 81.6570,
1.4090

255.0000, -0.0000,
-0.0000

75.0750, 74.5040,
4.3920

155.1920, 87.2960,
3.8400

50.8430, 63.7740,
11.6300

177.4900, 80.4650,
0.9850

26.6110, 53.0440,
18.8680

196.8900, 64.4190,
-5.5730

18.2390, 36.3560,
12.9320

216.2900, 48.3730,
-12.1310

9.9810, 19.3470,
7.3070

236.3910, 31.7310,
-18.9010

0.0000, 0.0000,
0.0000

248.3880, 18.6180,

-18.0380

■ 251.6940, 9.3090,
-9.0190

■ 100.0880, 81.6570,
1.4090

■ 100.0880, 81.6570,
1.4090

■ 94.6110, 87.4340,
1.3380

■ 108.5970, 72.8540,
1.2540

■ 117.1060, 64.0510,
1.0990

■ 125.6150, 55.2480,
0.9440

■ 134.1240, 46.4450,
0.7890

■ 142.6330, 37.6420,
0.6340

■ 151.1420, 28.8390,
0.4790

■ 159.5370, 20.3570,
0.0130

■ 168.0460, 11.5540,
-0.1420

■ 176.5550, 2.7510,
-0.2970

Harmonies

Analogous

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



96.3150, 83.8970, 37.9210



100.0880, 81.6570, 1.4090



101.1470, 55.6650, -23.1430

Triad

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



100.0880, 81.6570, 1.4090



87.6130, -66.1990, -39.2790



104.3640, -49.6140, 29.1220

Complementary

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



100.0880, 81.6570, 1.4090



90.9120, -81.6570, -1.4090

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.



94.0040, -102.1070, 5.7730



100.0880, 81.6570, 1.4090



94.5840, -84.4500, -22.3860

Square

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



100.0880, 81.6570, 1.4090



78.6530, -46.4810, -55.2250



97.3660, -97.7950, -6.2990



108.9510, 21.1730, 51.3250

Rectangle

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



100.0880, 81.6570, 1.4090



98.6230, 33.2930, -36.2030



97.3660, -97.7950, -6.2990



86.7320, -98.1650, 11.4270

Sweetspot

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



100.0880, 81.6570, 1.4090



201.1100, 31.8650, 0.7050



73.6750, 66.4690, 67.4370



98.3520, 19.4400, 0.1120



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



100.0880, 81.6570, 1.4090



122.1980, 113.5220, 2.1140



148.8090, 58.8320, -42.0000



85.0390, 4.2640, -0.1840



80.3800, 74.9630, 1.5790



13.6440, 12.7460, 0.2820

Inverse Universe

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



90.9120, -81.6570, -1.4090



109.8020, -113.5220, -2.1140



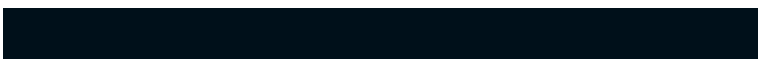
42.7780, -59.1070, 41.4770



84.5480, -4.5390, -0.3390



72.6200, -74.9630, -1.5790



12.3560, -12.7460, -0.2820

Previews

White Background



This preview shows how the YIQ color 100.0880, 81.6570, 1.4090 looks on a white background.

Color Contrast Check

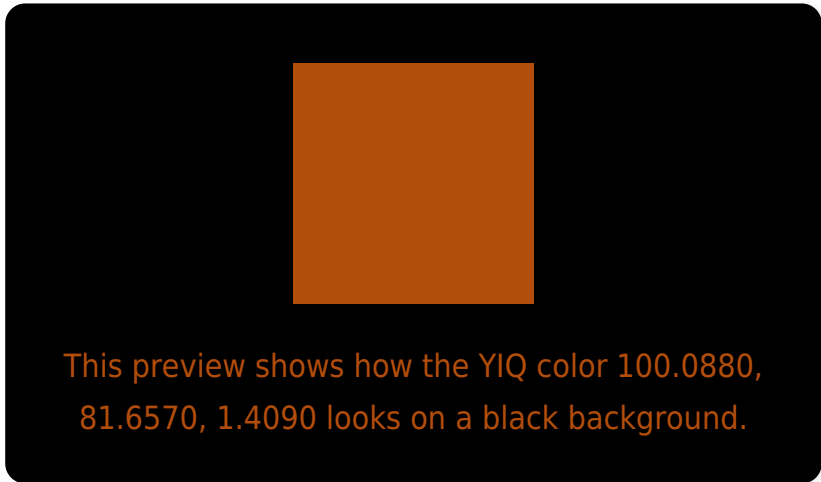
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 100.0880, 81.6570, 1.4090

Background



This preview shows how black text looks on a background with the YIQ color 100.0880, 81.6570, 1.4090.



This preview shows how white text looks on a background with the YIQ color 100.0880, 81.6570,

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

100.0880, 81.6570, 1.4090

Protanopia

102.8550, 35.9960, -24.6120

Deuteranopia

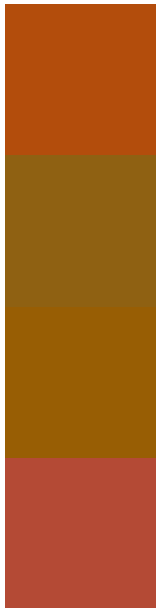
101.4240, 53.3270, -24.8250



Tritanopia

105.0470, 63.6800, 24.3520

Trichromacy



Original Color

100.0880, 81.6570, 1.4090

Protanomaly

101.7480, 52.7750, -14.8170

Deuteranomaly

101.0820, 63.4580, -15.6940

Tritanomaly

103.3000, 69.9170, 15.9410

Monochromacy



Original Color

100.0880, 81.6570, 1.4090

Achromatopsia

100.0000, -0.0000, -0.0000

Achromatomaly

100.3270, 29.7560, 0.3800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 100.0880, 81.6570, 1.4090 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(179, 77, 12)` looks like.

```
.text, #text, p{  
    color:rgb(179, 77, 12)  
}
```

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(179, 77, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 77, 12) }
```

Border

The CSS property to change the border of an element to YIQ 100.0880, 81.6570, 1.4090 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(179, 77, 12) }
```


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

```
.border{ border-color:rgb(179, 77, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 77, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 77, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 77, 12);  
box-shadow:4px 4px 4px 4px rgb(179, 77,  
12) }
```

Background

The CSS property to change the background color of an element to YIQ 100.0880, 81.6570, 1.4090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 77, 12) }
```

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

```
.background{ background-color: rgb(179, 77,  
12) }
```

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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