

Converting Colors

YIQ(90.8380, 43.8340, -12.4700)

Have a look what the booklet for
YIQ(90.8380, 43.8340, -12.4700)
contains.

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Color

**YIQ(90.8380, 43.8340,
-12.4700)**

Conversions

Conversions Part 1

Format	Color
Hex	7D5715
RGB	125, 87, 21
RGB Percent	49%, 34%, 8%
CMY	0.5098, 0.6589, 0.9174
CMYK	0.00, 0.30, 0.83, 0.51
HSL	38°, 71%, 29%
HSV	38°, 83%, 49%
XYZ	12.0021, 11.2291, 2.2471
YIQ	90.8380, 43.8340, -12.4700

Conversions

Conversions Part 2

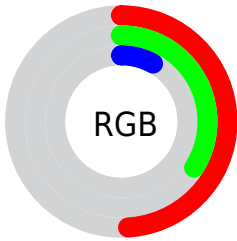
Format	Color
RYB	81, 125, 21
Decimal	8214293
CIELab	39.96, 9.62, 41.63
CIElCh	40, 42.728, 76.982
Yxy	11.2291, 0.4711, 0.4407
Android (android.graphics.Color)	4286404373 (0xFF7D5715)
YUV	90.8380, -34.4301, 29.9601
Hunter-Lab	33.5098, 5.2905, 19.4810

Details

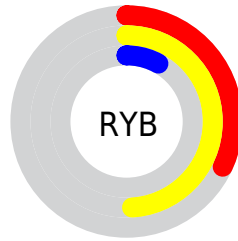
The YIQ color **90.8380, 43.8340, -12.4700** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **55.1620, -43.8340, 12.4700**, and the grayscale version is **91.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **142.5180, 47.7310, -11.5090**, and **46.1820, 31.3620, -6.7020** is the 20% darker color. If you saturate the color by 10%, you get **86.5350, 49.0610, -13.5870**, and if you desaturate by 10%, it is **95.2550, 38.2860, -11.0420**.

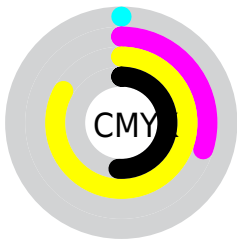
Distribution



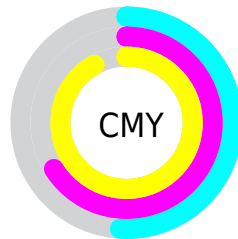
- Red (49%)
- Green (34%)
- Blue (8%)



- Red (32%)
- Yellow (49%)
- Blue (8%)



- Cyan (0%)
- Magenta (30%)
- Yellow (83%)
- Black (51%)



- Cyan (51%)
- Magenta (66%)
- Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 90.8380, 43.8340, -12.4700 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 90.8380, 43.8340, -12.4700 by changing the saturation by 10% instead.

■ 90.8380, 43.8340,
-12.4700

■ 90.8380, 43.8340,
-12.4700

■ 255.0000, -0.0000,
-0.0000

■ 66.8700, 40.8080,
-12.6960

■ 142.5180, 47.7310,
-11.5090

■ 46.1820, 31.3620,
-6.7020

■ 169.3010, 49.8400,
-11.1840

■ 26.6680, 21.3660,
-1.7540

■ 197.0840, 51.9490,
-10.8590

■ 6.2790, 12.5160,
4.4520

■ 220.9690, 44.8430,
-14.2370

■ 0.0000, 0.0000,
0.0000

■ 240.4830, 28.4760,
-20.4840

■ 248.9580, 17.0130,

-16.4830

■ 252.1500, 8.0250,
-7.7750

■ 90.8380, 43.8340,
-12.4700

■ 90.8380, 43.8340,
-12.4700

■ 86.5350, 49.0610,
-13.5870

■ 95.2550, 38.2860,
-11.0420

■ 83.7480, 52.7750,
-14.8170

■ 98.9710, 33.3340,
-9.4020

■ 103.3880, 27.7860,
-7.9740

■ 107.1040, 22.8340,
-6.3340

■ 111.5210, 17.2860,
-4.9060

■ 115.2370, 12.3340,
-3.2660

■ 119.6540, 6.7860,
-1.8380

■ 123.9570, 1.5590,
-0.7210

■ 127.7870, -3.7140,
1.2300

Harmonies

Analogous

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



92.1190, 54.0090, 6.8810



90.8380, 43.8340, -12.4700



87.6130, 22.0580, -25.3180

Triad

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



90.8380, 43.8340, -12.4700



78.0390, -66.7980, -22.9100



96.9790, 5.6340, 30.0660

Complementary

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



90.8380, 43.8340, -12.4700



55.1620, -43.8340, 12.4700

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.



91.5050, -37.3700, 16.4700



90.8380, 43.8340, -12.4700



80.3990, -76.1990, -12.2230

Square

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



90.8380, 43.8340, -12.4700



73.3480, -54.9670, -33.5830



78.3420, -80.0520, -2.9640



95.0720, 36.1690, 32.8490

Rectangle

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



90.8380, 43.8340, -12.4700



85.2560, 1.0140, -29.4020



78.3420, -80.0520, -2.9640



96.3410, -7.2490, 26.7590

Sweetspot

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



90.8380, 43.8340, -12.4700



149.5210, 17.2860, -4.9060



56.4280, 49.7860, 33.8660



73.8670, 10.5000, -3.0680



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



90.8380, 43.8340, -12.4700



109.7850, 68.5480, -19.8360



108.9580, 25.0400, -35.3120



61.4410, 3.0720, -0.6080



85.8190, 54.0130, -15.2270



0.0000, 0.0000, 0.0000

Inverse Universe

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



55.1620, -43.8340, 12.4700



53.8020, -68.8230, 19.3130



37.0420, -25.0400, 35.3120



59.5590, -3.0720, 0.6080



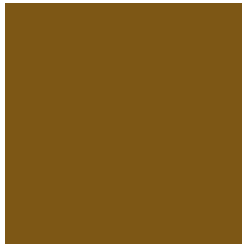
42.1810, -54.0130, 15.2270



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 90.8380, 43.8340, -12.4700 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 90.8380, 43.8340, -12.4700 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 90.8380, 43.8340, -12.4700

Background



This preview shows how black text looks on a background with the YIQ color 90.8380, 43.8340, -12.4700.



This preview shows how white text looks on a background with the YIQ color 90.8380, 43.8340,

-12.4700.

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

90.8380, 43.8340, -12.4700

Protanopia

90.0810, 29.6680, -20.0600

Deuteranopia

90.6910, 39.7540, -15.6220



Tritanopia

96.0360, 26.6820, 12.0420

Trichromacy



Original Color

90.8380, 43.8340, -12.4700

Protanomaly

90.2990, 34.9860, -17.3180

Deuteranomaly

90.7020, 41.2210, -14.6750

Tritanomaly

94.1750, 33.2400, 3.3200

Monochromacy



Original Color

90.8380, 43.8340, -12.4700

Achromatopsia

91.0000, -0.0000, -0.0000

Achromatomaly

91.1510, 15.4520, -4.7080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 90.8380, 43.8340, -12.4700 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(125, 87, 21)` looks like.

```
.text, #text, p{  
    color:rgb(125, 87, 21)  
}
```

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(125, 87, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 87, 21) }
```

Border

The CSS property to change the border of an element to YIQ 90.8380, 43.8340, -12.4700 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(125, 87, 21) }
```


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

```
.border{ border-color:rgb(125, 87, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 87, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 87, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 87, 21);  
box-shadow:4px 4px 4px 4px rgb(125, 87,  
21) }
```

Background

The CSS property to change the background color of an element to YIQ 90.8380, 43.8340, -12.4700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 87, 21) }
```

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

```
.background{ background-color: rgb(125, 87,  
21) }
```

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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