

Converting Colors

YIQ(148.2290, 49.2020,
-32.6700)

Have a look what the booklet for
YIQ(148.2290, 49.2020, -32.6700)
contains.

YIQ(148.2290, 49.2020, -32.6700)	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(148.2290, 49.2020,
-32.6700)**

Conversions

Conversions Part 1

Format	Color
Hex	AF9C26
RGB	175, 156, 38
RGB Percent	69%, 61%, 15%
CMY	0.3138, 0.3882, 0.8507
CMYK	0.00, 0.11, 0.78, 0.31
HSL	52°, 64%, 42%
HSV	52°, 78%, 69%
XYZ	29.9157, 33.0277, 6.6382
YIQ	148.2290, 49.2020, -32.6700

Conversions

Conversions Part 2

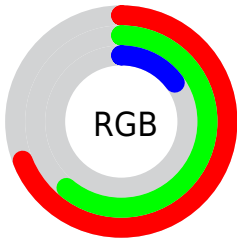
Format	Color
RYB	60, 175, 38
Decimal	11508774
CIELab	64.18, -5.50, 59.53
CIElCh	64, 59.786, 95.283
Yxy	33.0277, 0.4299, 0.4747
Android (android.graphics.Color)	4289698854 (0xFFAF9C26)
YUV	148.2290, -54.3429, 23.4782
Hunter-Lab	57.4697, -7.6544, 33.3804

Details

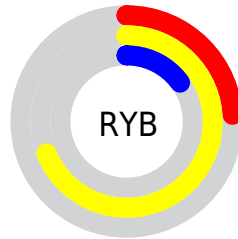
The YIQ color **148.2290, 49.2020, -32.6700** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **64.7710, -49.2020, 32.6700**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **203.8380, 51.8610, -31.2990**, and **96.9170, 41.4530, -29.8990** is the 20% darker color. If you saturate the color by 10%, you get **145.1170, 55.2090, -36.9110**, and if you desaturate by 10%, it is **151.4550, 42.8740, -28.1180**.

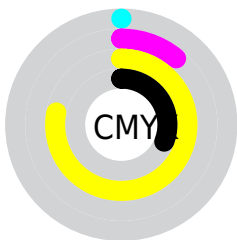
Distribution



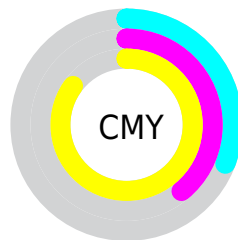
- Red (69%)
- Green (61%)
- Blue (15%)



- Red (24%)
- Yellow (69%)
- Blue (15%)



- Cyan (0%)
- Magenta (11%)
- Yellow (78%)
- Black (31%)



- Cyan (31%)
- Magenta (39%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 148.2290, 49.2020, -32.6700 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 148.2290, 49.2020, -32.6700 by changing the saturation by 10% instead.

■ 148.2290, 49.2020,
-32.6700

■ 148.2290, 49.2020,
-32.6700

■ 255.0000, -0.0000,
-0.0000

■ 119.9640, 51.2660,
-37.0380

■ 203.8380, 51.8610,
-31.2990

■ 96.9170, 41.4530,
-29.8990

■ 229.6310, 48.0100,
-33.0940

■ 75.0550, 32.5570,
-22.8590

■ 242.6880, 34.6680,
-33.5880

■ 54.0680, 22.5150,
-17.0770

■ 245.8800, 25.6800,
-24.8800

■ 33.3800, 13.0690,
-11.0830

■ 249.0720, 16.6920,
-16.1720

■ 12.6700, 0.6890,
-6.9830

■ 252.3780, 7.3830,

■ 0.0000, 0.0000,

-7.1530

0.0000

■ 148.2290, 49.2020,
-32.6700

■ 148.2290, 49.2020,
-32.6700

■ 145.1170, 55.2090,
-36.9110

■ 151.4550, 42.8740,
-28.1180

■ 141.3040, 61.8120,
-40.9400

■ 155.1540, 36.5920,
-24.4000

■ 140.9620, 62.7750,
-41.8730

■ 158.3800, 30.2640,
-19.8480

■ 162.0790, 23.9820,
-16.1300

■ 165.3050, 17.6540,
-11.5780

■ 169.0040, 11.3720,
-7.8600

■ 172.2300, 5.0440,
-3.3080

■ 175.3420, -0.9630,
0.9330

■ 179.1550, -7.5660,
4.9620

Harmonies

Analogous

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



151.6970, 75.1480, -7.2840



148.2290, 49.2020, -32.6700



142.4390, 4.2720, -44.4000

Triad

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



148.2290, 49.2020, -32.6700



130.2840, -118.8360, -26.9640



158.5910, 39.7420, 50.7020

Complementary

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



148.2290, 49.2020, -32.6700



64.7710, -49.2020, 32.6700

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.



158.9510, -14.3580, 39.9620



148.2290, 49.2020, -32.6700



130.2790, -128.4670, -12.1070

Square

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



148.2290, 49.2020, -32.6700



124.9430, -102.4190, -43.6590



137.9510, -94.5880, 7.1720



154.4420, 73.5340, 44.0140

Rectangle

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



148.2290, 49.2020, -32.6700



134.1320, -37.4040, -49.0200



137.9510, -94.5880, 7.1720



159.7400, 23.1450, 48.6250

Sweetspot

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



148.2290, 49.2020, -32.6700



216.9630, 18.6170, -12.5110



81.3570, 74.9110, 35.5750



108.4170, 11.6470, -7.3370



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



148.2290, 49.2020, -32.6700



185.1080, 76.6230, -50.5530



145.0300, 15.3690, -52.7830



84.8000, 3.4390, -1.7530



121.1600, 53.6500, -36.1900



18.6170, 8.2080, -5.5840

Inverse Universe

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



64.7710, -49.2020, 32.6700



55.3050, -76.3480, 51.0760



67.9700, -15.3690, 52.7830



79.6130, -3.1640, 2.2760



29.4270, -53.9250, 35.6670



4.3830, -8.2080, 5.5840

Previews

White Background



This preview shows how the YIQ color 148.2290, 49.2020, -32.6700 looks on a white background.

Color Contrast Check

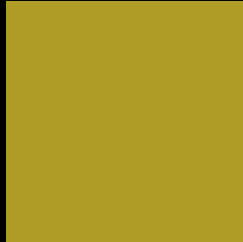
Large Text (above 18pt) WCAG AA × Fail

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 148.2290, 49.2020, -32.6700 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 ✓ Pass

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

YIQ 148.2290, 49.2020, -32.6700

Background



This preview shows how black text looks on a background with the YIQ color 148.2290, 49.2020, -32.6700.



This preview shows how white text looks on a background with the YIQ color 148.2290, 49.2020, -32.6700.

-32.6700.

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

148.2290, 49.2020, -32.6700

Protanopia

148.2290, 49.2020, -32.6700

Deuteranopia

150.2680, 62.6340, -22.7900



Tritanopia

158.0290, 19.3920, 12.0000

Trichromacy



Original Color

148.2290, 49.2020, -32.6700

Protanomaly

148.2290, 49.2020, -32.6700

Deuteranomaly

149.5230, 57.3620, -26.3660

Tritanomaly

154.5780, 30.3070, -4.1010

Monochromacy



Original Color

148.2290, 49.2020, -32.6700

Achromatopsia

148.0000, -0.0000, 0.0000

Achromatomaly

148.1910, 17.9750, -11.8890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.2290, 49.2020, -32.6700 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(175, 156, 38)` looks like.

```
.text, #text, p{  
    color:rgb(175, 156, 38)  
}
```

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(175, 156, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 156, 38) }
```

Border

The CSS property to change the border of an element to YIQ 148.2290, 49.2020, -32.6700 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(175, 156, 38) }
```


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

```
.border{ border-color:rgb(175, 156, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 156, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 156, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 156, 38);  
box-shadow:4px 4px 4px 4px rgb(175, 156,  
38) }
```

Background

The CSS property to change the background color of an element to YIQ 148.2290, 49.2020, -32.6700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 156, 38) }
```

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

```
.background{ background-color: rgb(175,  
156, 38) }
```

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