

Converting Colors

YIQ(148.1930, 50.0240,
-14.5200)

Have a look what the booklet for
YIQ(148.1930, 50.0240, -14.5200)
contains.

YIQ(148.1930, 50.0240, -14.5200)	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(148.1930, 50.0240,
-14.5200)**

Conversions

Conversions Part 1

Format	Color
Hex	BB9044
RGB	187, 144, 68
RGB Percent	73%, 56%, 27%
CMY	0.2666, 0.4353, 0.7331
CMYK	0.00, 0.23, 0.64, 0.27
HSL	38°, 47%, 50%
HSV	38°, 64%, 73%
XYZ	31.5128, 30.9257, 9.7877
YIQ	148.1930, 50.0240, -14.5200

Conversions

Conversions Part 2

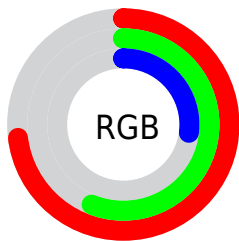
Format	Color
RYB	135, 187, 68
Decimal	12292164
CIELab	62.44, 7.94, 45.66
CIELCh	62, 46.342, 80.139
Yxy	30.9257, 0.4363, 0.4282
Android (android.graphics.Color)	4290482244 (0xFFBB9044)
YUV	148.1930, -39.5351, 34.0337
Hunter-Lab	55.6109, 3.8310, 28.4924

Details

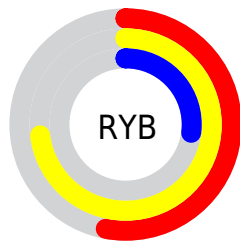
The YIQ color **148.1930, 50.0240, -14.5200** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **106.8070, -50.0240, 14.5200**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **203.3460, 53.9670, -14.3930**, and **95.8720, 46.4940, -16.6260** is the 20% darker color. If you saturate the color by 10%, you get **141.9180, 58.0480, -16.7680**, and if you desaturate by 10%, it is **154.4680, 42.0000, -12.2720**.

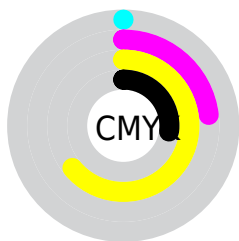
Distribution



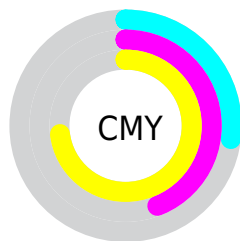
- Red (73%)
- Green (56%)
- Blue (27%)



- Red (53%)
- Yellow (73%)
- Blue (27%)



- Cyan (0%)
- Magenta (23%)
- Yellow (64%)
- Black (27%)





- Cyan (27%)
- Magenta (44%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 148.1930, 50.0240, -14.5200 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 148.1930, 50.0240, -14.5200 by changing the saturation by 10% instead.


 148.1930, 50.0240,
-14.5200


 148.1930, 50.0240,
-14.5200


255.0000, -0.0000,
-0.0000


 121.4100, 47.9150,
-14.8450


 203.3460, 53.9670,
-14.3930

 95.9860, 46.1730,
-16.3150


 225.4370, 43.2850,
-19.0430


 71.8870, 42.1380,
-14.7740


 245.0650, 26.5970,
-24.9790

 50.9000, 32.0960,
-8.9920

 248.7300, 17.6550,
-17.1050

 30.7990, 22.3750,
-3.5210

 252.0360, 8.3460,
-8.0860

 8.9480, 14.9460,
4.4660

 0.0000, 0.0000,

0.0000

■ 148.1930, 50.0240,
-14.5200

■ 148.1930, 50.0240,
-14.5200

■ 141.9180, 58.0480,
-16.7680

■ 154.4680, 42.0000,
-12.2720

■ 135.7570, 65.7510,
-18.7050

■ 160.6290, 34.2970,
-10.3350

■ 130.0690, 73.5000,
-21.4760

■ 166.3170, 26.5480,
-7.5640

■ 125.7660, 78.7270,
-22.5930

■ 172.5920, 18.5240,
-5.3160

■ 178.8670, 10.5000,
-3.0680

■ 185.0280, 2.7970,
-1.1310

■ 190.7160, -4.9520,
1.6400

■ 196.9910,
-12.9760, 3.8880

■ 203.1520,
-20.6790, 5.8250

Harmonies

Analogous

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



150.4530, 64.6920, 6.0040



148.1930, 50.0240, -14.5200



144.5050, 22.2420, -28.6540

Triad

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



148.1930, 50.0240, -14.5200



121.2560, -104.4380, -34.5980



155.4900, 11.6850, 36.0450

Complementary

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



148.1930, 50.0240, -14.5200



106.8070, -50.0240, 14.5200

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.



151.1620, -34.6660, 22.5340



148.1930, 50.0240, -14.5200



122.8980, -114.5730, -21.6210

Square

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



148.1930, 50.0240, -14.5200



116.7780, -88.8930, -46.5010



127.2560, -103.2970, -5.7050



153.9700, 45.3840, 36.5520

Rectangle

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



148.1930, 50.0240, -14.5200



141.0550, -2.9740, -34.2220



127.2560, -103.2970, -5.7050



155.0690, -3.3070, 32.4130

Sweetspot

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



148.1930, 50.0240, -14.5200



227.3640, 19.1660, -5.9380



108.5970, 56.8000, 38.9120



112.9380, 11.7380, -3.4780



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



148.1930, 50.0240, -14.5200



182.2820, 77.2140, -22.7060



168.6500, 28.6630, -40.4010



91.2130, 3.7140, -1.2300



106.5290, 66.3930, -19.3270



21.0090, 12.9760, -3.8880

Inverse Universe

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



106.8070, -50.0240, 14.5200



118.3050, -77.4890, 22.1830



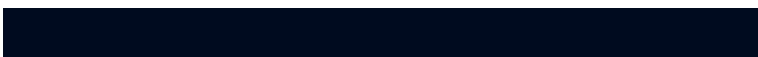
86.3500, -28.6630, 40.4010



87.7870, -3.7140, 1.2300



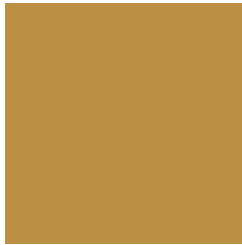
51.4710, -66.3930, 19.3270



9.9910, -12.9760, 3.8880

Previews

White Background



This preview shows how the YIQ color 148.1930, 50.0240, -14.5200 looks on a white background.

Color Contrast Check

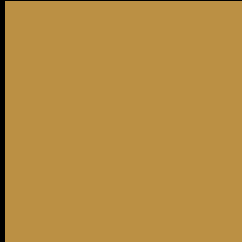
Large Text (above 18pt) WCAG AA × Fail

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 148.1930, 50.0240, -14.5200 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 148.1930, 50.0240, -14.5200

Background



This preview shows how black text looks on a background with the YIQ color 148.1930, 50.0240, -14.5200.



This preview shows how white text looks on a background with the YIQ color 148.1930, 50.0240, -14.5200.

-14.5200.

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

148.1930, 50.0240, -14.5200

Protanopia

146.8490, 36.1330, -21.5870

Deuteranopia

148.1930, 50.0240, -14.5200



Tritanopia

154.1830, 30.7620, 15.1940

Trichromacy



Original Color

148.1930, 50.0240, -14.5200

Protanomaly

147.0670, 41.4510, -18.8450

Deuteranomaly

148.1930, 50.0240, -14.5200

Tritanomaly

152.1540, 37.7330, 4.4930

Monochromacy



Original Color

148.1930, 50.0240, -14.5200

Achromatopsia

148.0000, -0.0000, 0.0000

Achromatomaly

148.2930, 17.9280, -5.5280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.1930, 50.0240, -14.5200 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(187, 144, 68)` looks like.

```
.text, #text, p{  
    color:rgb(187, 144, 68)  
}
```

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(187, 144, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 144, 68) }
```

Border

The CSS property to change the border of an element to YIQ 148.1930, 50.0240, -14.5200 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(187, 144, 68) }
```


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

```
.border{ border-color:rgb(187, 144, 68) }
```

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

Here you see how a box with a 4 pixel rgb(187, 144, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 144, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 144, 68);  
box-shadow:4px 4px 4px 4px rgb(187, 144,  
68) }
```

Background

The CSS property to change the background color of an element to YIQ 148.1930, 50.0240, -14.5200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 144, 68) }
```

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

```
.background{ background-color: rgb(187,  
144, 68) }
```

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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