

Converting Colors

YIQ(148.9210, 18.4350,
-20.2290)

Have a look what the booklet for
YIQ(148.9210, 18.4350, -20.2290)
contains.

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Color

**YIQ(148.9210, 18.4350,
-20.2290)**

Conversions

Conversions Part 1

Format	Color
Hex	9A9D5E
RGB	154, 157, 94
RGB Percent	60%, 62%, 37%
CMY	0.3961, 0.3843, 0.6312
CMYK	0.02, 0.00, 0.40, 0.38
HSL	63°, 25%, 49%
HSV	63°, 40%, 62%
XYZ	27.4031, 31.7919, 15.2891
YIQ	148.9210, 18.4350, -20.2290

Conversions

Conversions Part 2

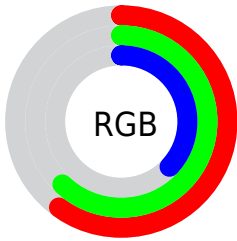
Format	Color
RYB	94, 157, 97
Decimal	10132830
CIELab	63.17, -10.94, 32.55
CIELCh	63, 34.337, 108.580
Yxy	31.7919, 0.3679, 0.4268
Android (android.graphics.Color)	4288322910 (0xFF9A9D5E)
YUV	148.9210, -27.0761, 4.4543
Hunter-Lab	56.3843, -11.9204, 23.3920

Details

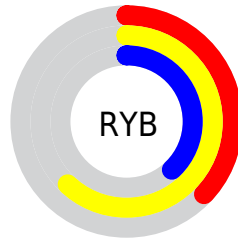
The YIQ color **148.9210, 18.4350, -20.2290** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **102.0790, -18.4350, 20.2290**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **202.8780, 19.9940, -20.9500**, and **97.9640, 16.8760, -19.5080** is the 20% darker color. If you saturate the color by 10%, you get **146.7980, 22.9750, -25.4170**, and if you desaturate by 10%, it is **151.0440, 13.8950, -15.0410**.

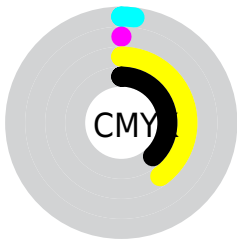
Distribution



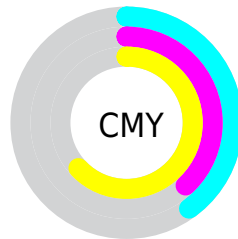
- Red (60%)
- Green (62%)
- Blue (37%)



- Red (37%)
- Yellow (62%)
- Blue (38%)



- Cyan (2%)
- Magenta (0%)
- Yellow (40%)
- Black (38%)





- Cyan (40%)
- Magenta (38%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 148.9210, 18.4350, -20.2290 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 148.9210, 18.4350, -20.2290 by changing the saturation by 10% instead.


 148.9210, 18.4350,
-20.2290

 148.9210, 18.4350,
-20.2290


255.0000, -0.0000,
-0.0000

 122.8500, 17.1970,
-19.8190


 202.8780, 19.9940,
-20.9500


 97.9640, 16.8760,
-19.5080

 231.6500, 20.6360,
-21.5720


 73.7790, 15.9590,
-19.4090

 248.7300, 17.6550,
-17.1050

 50.4800, 15.3630,
-19.6210

 251.9220, 8.6670,
-8.3970

 30.6890, 7.7050,
-12.9910

 10.5660, -4.9500,
-9.4140

 0.0000, 0.0000,

0.0000

■ 148.9210, 18.4350,
-20.2290

■ 148.9210, 18.4350,
-20.2290

■ 146.7980, 22.9750,
-25.4170

■ 151.0440, 13.8950,
-15.0410

■ 144.7890, 27.1940,
-30.2940

■ 152.7540, 9.0800,
-10.3760

■ 142.9650, 32.3300,
-35.2700

■ 154.8770, 4.5400,
-5.1880

■ 140.8420, 36.8700,
-40.4580

■ 157.0000, 0.0000,
-0.0000

■ 138.8330, 41.0890,
-45.3350

■ 159.1230, -4.5400,
5.1880

■ 136.7100, 45.6290,
-50.5230

■ 161.1320, -8.7590,
10.0650

■ 162.9560,
-13.8950, 15.0410

■ 165.0790,
-18.4350, 20.2290

■ 167.0880,
-22.6540, 25.1060

Harmonies

Analogous

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



151.6080, 38.7900, -9.1620



148.9210, 18.4350, -20.2290



144.5030, -9.8070, -26.0230

Triad

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



148.9210, 18.4350, -20.2290



130.7780, -87.7520, -17.6080



156.5290, 33.1440, 27.0960

Complementary

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



148.9210, 18.4350, -20.2290



102.0790, -18.4350, 20.2290

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.



156.9420, 7.0560, 26.3200



148.9210, 18.4350, -20.2290



144.1120, -58.7330, 1.6430

Square

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



148.9210, 18.4350, -20.2290



129.7600, -79.3140, -27.3620



153.0780, -25.8620, 17.1620



155.3870, 47.8630, 19.1510

Rectangle

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



148.9210, 18.4350, -20.2290



141.5420, -31.9060, -27.5060



153.0780, -25.8620, 17.1620



156.7500, 25.2120, 27.6760

Sweetspot

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



148.9210, 18.4350, -20.2290



200.9650, 7.1080, -7.6760



114.0110, 36.9980, 12.3100



100.1050, 3.8980, -4.5660



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



148.9210, 18.4350, -20.2290



191.3330, 28.4780, -31.5380



139.6520, -0.0410, -26.8010



78.0880, 2.5680, -2.4880



124.6050, 41.7310, -45.9570



13.2900, 4.8150, -4.6650

Inverse Universe

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



102.0790, -18.4350, 20.2290



118.6670, -28.4780, 31.5380



111.3480, 0.0410, 26.8010



72.2110, -1.9720, 2.7000



18.3950, -41.7310, 45.9570



2.0090, -4.2190, 4.8770

Previews

White Background



This preview shows how the YIQ color 148.9210, 18.4350, -20.2290 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 148.9210, 18.4350, -20.2290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

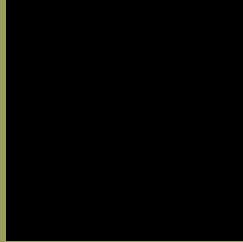
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 148.9210, 18.4350, -20.2290

Background



This preview shows how black text looks on a background with the YIQ color 148.9210, 18.4350, -20.2290.



This preview shows how white text looks on a background with the YIQ color 148.9210, 18.4350,

-20.2290.

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

148.9210, 18.4350, -20.2290

Protanopia

150.2320, 27.9250, -16.0030

Deuteranopia

151.7760, 38.3770, -7.1830



Tritanopia

154.2550, 3.8960, 6.4880

Trichromacy



Original Color

148.9210, 18.4350, -20.2290

Protanomaly

149.4380, 24.3490, -17.2750

Deuteranomaly

150.7210, 31.0420, -11.9180

Tritanomaly

152.3830, 8.9870, -3.1810

Monochromacy



Original Color

148.9210, 18.4350, -20.2290

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

149.0790, 6.7870, -7.3650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.9210, 18.4350, -20.2290 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(154, 157, 94)` looks like.

```
.text, #text, p{  
    color:rgb(154, 157, 94)  
}
```

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(154, 157, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 157, 94) }
```

Border

The CSS property to change the border of an element to YIQ 148.9210, 18.4350, -20.2290 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(154, 157, 94) }
```


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

```
.border{ border-color:rgb(154, 157, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 157, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 157, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 157, 94);  
box-shadow:4px 4px 4px 4px rgb(154, 157,  
94) }
```

Background

The CSS property to change the background color of an element to YIQ 148.9210, 18.4350, -20.2290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 157, 94) }
```

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

```
.background{ background-color: rgb(154,  
157, 94) }
```

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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