

Converting Colors

YIQ(148.0030, 21.1400,
-19.6920)

Have a look what the booklet for
YIQ(148.0030, 21.1400, -19.6920)
contains.

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Color

**YIQ(148.0030, 21.1400,
-19.6920)**

Conversions

Conversions Part 1

Format	Color
Hex	9C9B5B
RGB	156, 155, 91
RGB Percent	61%, 61%, 36%
CMY	0.3883, 0.3921, 0.6430
CMYK	0.00, 0.01, 0.42, 0.39
HSL	59°, 26%, 48%
HSV	59°, 42%, 61%
XYZ	27.3195, 31.2654, 14.5002
YIQ	148.0030, 21.1400, -19.6920

Conversions

Conversions Part 2

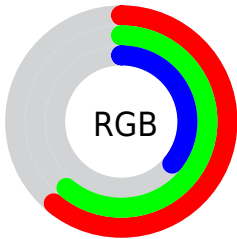
Format	Color
RYB	92, 156, 91
Decimal	10263387
CIELab	62.73, -9.38, 33.61
CIELCh	63, 34.895, 105.598
Yxy	31.2654, 0.3738, 0.4278
Android (android.graphics.Color)	4288453467 (0xFF9C9B5B)
YUV	148.0030, -28.1025, 7.0134
Hunter-Lab	55.9155, -10.6395, 23.7656

Details

The YIQ color **148.0030, 21.1400, -19.6920** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **98.9970, -21.1400, 19.6920**, and the grayscale version is **148.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **202.2590, 23.2950, -20.2010**, and **96.7470, 18.9850, -19.1830** is the 20% darker color. If you saturate the color by 10%, you get **146.1790, 26.2760, -24.6680**, and if you desaturate by 10%, it is **149.8270, 16.0040, -14.7160**.

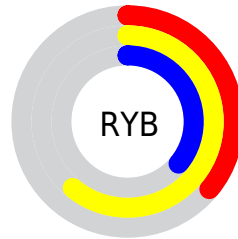
Distribution



Red (61%)

Green (61%)

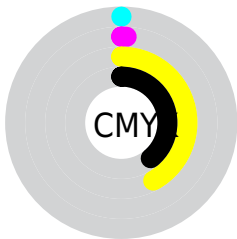
Blue (36%)



Red (36%)

Yellow (61%)

Blue (36%)

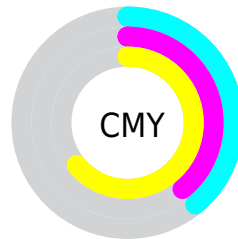


Cyan (0%)

Magenta (1%)

Yellow (42%)

Black (39%)



Cyan (39%)

Magenta (39%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 148.0030, 21.1400, -19.6920 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 148.0030, 21.1400, -19.6920 by changing the saturation by 10% instead.

■ 148.0030, 21.1400,
-19.6920

■ 148.0030, 21.1400,
-19.6920

■ 255.0000, -0.0000,
-0.0000

■ 121.9320, 19.9020,
-19.2820

■ 202.2590, 23.2950,
-20.2010

■ 96.7470, 18.9850,
-19.1830

■ 230.7320, 23.3410,
-21.0350

■ 72.4480, 18.3890,
-19.3950

■ 248.3880, 18.6180,
-18.0380

■ 49.6050, 16.5090,
-18.3630

■ 251.5800, 9.6300,
-9.3300

■ 30.4010, 8.5760,
-12.2560

■ 254.8860, 0.3210,
-0.3110

■ 9.3920, -4.4000,
-8.3680

■ 0.0000, 0.0000,

0.0000

■ 148.0030, 21.1400,
-19.6920

■ 148.0030, 21.1400,
-19.6920

■ 146.1790, 26.2760,
-24.6680

■ 149.8270, 16.0040,
-14.7160

■ 144.4690, 31.0910,
-29.3330

■ 151.5370, 11.1890,
-10.0510

■ 142.0580, 36.5020,
-33.7860

■ 153.9480, 5.7780,
-5.5980

■ 140.3480, 41.3170,
-38.4510

■ 155.6580, 0.9630,
-0.9330

■ 138.5240, 46.4530,
-43.4270

■ 157.4820, -4.1730,
4.0430

■ 137.0420, 50.6260,
-47.4700

■ 159.3060, -9.3090,
9.0190

■ 161.6030,
-14.3990, 13.1610

■ 163.4270,
-19.5350, 18.1370

■ 165.1370,
-24.3500, 22.8020

Harmonies

Analogous

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



150.9180, 40.8530, -8.0030



148.0030, 21.1400, -19.6920



144.0580, -7.0560, -26.3200

Triad

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



148.0030, 21.1400, -19.6920



125.9510, -95.7290, -21.7210



155.5720, 31.5850, 27.8170

Complementary

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



148.0030, 21.1400, -19.6920



98.9970, -21.1400, 19.6920

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.



155.8600, 4.3510, 25.7830



148.0030, 21.1400, -19.6920



141.3070, -63.7760, -0.5760

Square

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



148.0030, 21.1400, -19.6920



127.8200, -79.5430, -28.7190



151.2840, -29.4380, 15.8900



154.1420, 47.1750, 20.6070

Rectangle

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



148.0030, 21.1400, -19.6920



140.0970, -29.1550, -27.8030



151.2840, -29.4380, 15.8900



156.3800, 23.3780, 27.8740

Sweetspot

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



148.0030, 21.1400, -19.6920



201.2640, 7.7040, -7.4640



110.5490, 38.4190, 14.0910



100.4040, 4.4940, -4.3540



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.



148.0030, 21.1400, -19.6920



191.1980, 33.2920, -30.6760



139.3210, 2.3890, -26.7870



78.0880, 2.5680, -2.4880



125.5240, 46.4530, -43.4270



13.2900, 4.8150, -4.6650

Inverse Universe

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



98.9970, -21.1400, 19.6920



114.8020, -33.2920, 30.6760



107.6790, -2.3890, 26.7870



71.9120, -2.5680, 2.4880



17.4760, -46.4530, 43.4270



1.7100, -4.8150, 4.6650

Previews

White Background



This preview shows how the YIQ color 148.0030, 21.1400, -19.6920 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 148.0030, 21.1400, -19.6920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

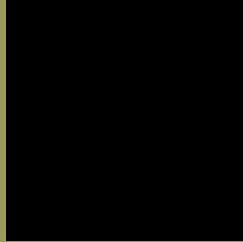
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 148.0030, 21.1400, -19.6920

Background



This preview shows how black text looks on a background with the YIQ color 148.0030, 21.1400, -19.6920.



This preview shows how white text looks on a background with the YIQ color 148.0030, 21.1400, -19.6920.

-19.6920.

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

148.0030, 21.1400, -19.6920

Protanopia

149.1180, 28.2460, -16.3140

Deuteranopia

150.4340, 39.3400, -8.1160



Tritanopia

153.4510, 6.2800, 7.3360

Trichromacy



Original Color

148.0030, 21.1400, -19.6920

Protanomaly

148.5090, 25.5870, -17.6850

Deuteranomaly

149.6780, 32.6010, -12.6390

Tritanomaly

151.4650, 11.6920, -2.6440

Monochromacy



Original Color

148.0030, 21.1400, -19.6920

Achromatopsia

148.0000, -0.0000, 0.0000

Achromatomaly

148.2640, 7.7040, -7.4640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.0030, 21.1400, -19.6920 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(156, 155, 91)` looks like.

```
.text, #text, p{  
    color:rgb(156, 155, 91)  
}
```

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(156, 155, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 155, 91) }
```

Border

The CSS property to change the border of an element to YIQ 148.0030, 21.1400, -19.6920 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(156, 155, 91) }
```


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

```
.border{ border-color:rgb(156, 155, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 155, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 155, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 155, 91);  
box-shadow:4px 4px 4px 4px rgb(156, 155,  
91) }
```

Background

The CSS property to change the background color of an element to YIQ 148.0030, 21.1400, -19.6920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 155, 91) }
```

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

```
.background{ background-color: rgb(156,  
155, 91) }
```

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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