

Converting Colors

YIQ(191.9300, 14.2160,
-15.3520)

Have a look what the booklet for
YIQ(191.9300, 14.2160, -15.3520)
contains.

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Color

**YIQ(191.9300, 14.2160,
-15.3520)**

Conversions

Conversions Part 1

Format	Color
Hex	C4C696
RGB	196, 198, 150
RGB Percent	77%, 78%, 59%
CMY	0.2314, 0.2235, 0.4117
CMYK	0.01, 0.00, 0.24, 0.22
HSL	63°, 30%, 68%
HSV	63°, 24%, 78%
XYZ	48.4638, 54.3258, 36.7959
YIQ	191.9300, 14.2160, -15.3520

Conversions

Conversions Part 2

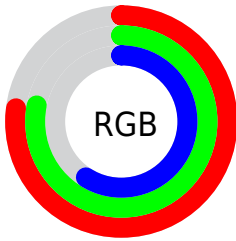
Format	Color
RYB	150, 198, 152
Decimal	12895894
CIELab	78.65, -8.53, 23.88
CIELCh	79, 25.361, 109.652
Yxy	54.3258, 0.3472, 0.3892
Android (android.graphics.Color)	4291085974 (0xFFC4C696)
YUV	191.9300, -20.6715, 3.5694
Hunter-Lab	73.7061, -11.6168, 21.9952

Details

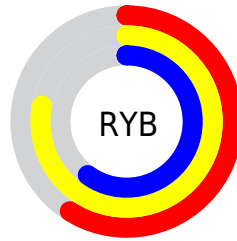
The YIQ color **191.9300, 14.2160, -15.3520** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **156.0700, -14.2160, 15.3520**, and the grayscale version is **192.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **248.5880, 15.1790, -16.2850**, and **138.2720, 13.2530, -14.4190** is the 20% darker color. If you saturate the color by 10%, you get **189.3510, 20.0400, -21.7840**, and if you desaturate by 10%, it is **194.5090, 8.3920, -8.9200**.

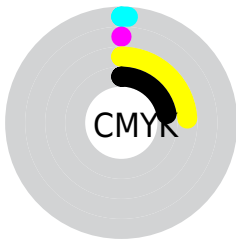
Distribution



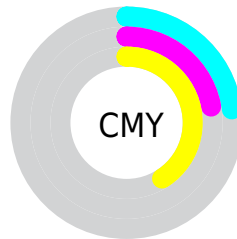
- Red (77%)
- Green (78%)
- Blue (59%)



- Red (59%)
- Yellow (78%)
- Blue (60%)



- Cyan (1%)
- Magenta (0%)
- Yellow (24%)
- Black (22%)



- Cyan (23%)
- Magenta (22%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 191.9300, 14.2160, -15.3520 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 191.9300, 14.2160, -15.3520 by changing the saturation by 10% instead.

■ 191.9300, 14.2160,
-15.3520

■ 191.9300, 14.2160,
-15.3520

255.0000, -0.0000,
-0.0000

■ 165.0440, 13.8950,
-15.0410

■ 248.5880, 15.1790,
-16.2850

■ 138.2720, 13.2530,
-14.4190

■ 252.4920, 7.0620,
-6.8420

■ 113.0870, 12.3360,
-14.3200

■ 88.2010, 12.0150,
-14.0090

■ 64.4290, 11.3730,
-13.3870

■ 42.0160, 11.0980,
-13.9100

■ 22.4270, 5.6870,

-9.4570

■ 0.0000, 0.0000,
0.0000

■ 191.9300, 14.2160,
-15.3520

■ 191.9300, 14.2160,
-15.3520

■ 189.3510, 20.0400,
-21.7840

■ 194.5090, 8.3920,
-8.9200

■ 186.7720, 25.8640,
-28.2160

■ 197.0880, 2.5680,
-2.4880

■ 184.3070, 31.3670,
-34.3370

■ 199.2540, -3.5310,
3.4210

■ 182.0270, 37.7870,
-40.5570

■ 201.8330, -9.3550,
9.8530

■ 179.4480, 43.6110,
-46.9890

■ 204.4120,
-15.1790, 16.2850

■ 176.8690, 49.4350,
-53.4210

■ 205.3950,
-16.5090, 18.3630

■ 174.2900, 55.2590,
-59.8530

■ 205.6940,
-15.9130, 18.5750

■ 173.0360, 58.7900,
-63.2740

■ 205.9930,
-15.3170, 18.7870

Harmonies

Analogous

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



194.2960, 31.0410, -6.3910



191.9300, 14.2160, -15.3520



188.9750, -8.0200, -19.8600

Triad

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



191.9300, 14.2160, -15.3520



186.0230, -51.5330, -7.7010



198.6050, 26.8180, 20.5940

Complementary

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



191.9300, 14.2160, -15.3520



156.0700, -14.2160, 15.3520

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.



198.5410, 6.5070, 19.7470



191.9300, 14.2160, -15.3520



190.8170, -38.7890, 3.6350

Square

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



191.9300, 14.2160, -15.3520



184.3080, -48.3220, -16.3380



195.5750, -17.1960, 14.2920



197.6630, 38.0980, 14.4020

Rectangle

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



191.9300, 14.2160, -15.3520



187.2490, -23.4710, -20.6790



195.5750, -17.1960, 14.2920



198.8970, 20.1240, 20.7640

Sweetspot

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



191.9300, 14.2160, -15.3520



252.6490, 5.1820, -5.8100



165.5260, 28.0580, 9.1300



126.4470, 2.9350, -3.6330



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



191.9300, 14.2160, -15.3520



245.6670, 21.9660, -23.6500



184.7540, -0.0880, -20.4400



97.9740, 2.8890, -2.7990



142.3250, 48.1510, -52.1770



31.2980, 10.3640, -11.6200

Inverse Universe

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



156.0700, -14.2160, 15.3520



190.3330, -21.9660, 23.6500



163.2460, 0.0880, 20.4400



91.0260, -2.8890, 2.7990



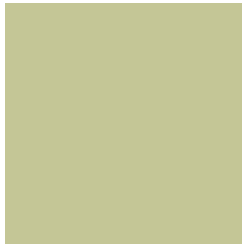
20.6750, -48.1510, 52.1770



4.4030, -10.9600, 11.4080

Previews

White Background



This preview shows how the YIQ color 191.9300, 14.2160, -15.3520 looks on a white background.

Color Contrast Check

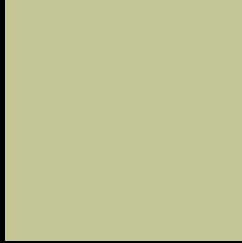
Large Text (above 18pt) WCAG AA × Fail

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 191.9300, 14.2160, -15.3520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

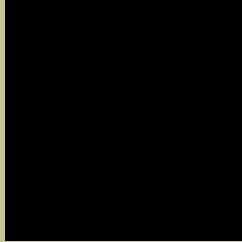
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 191.9300, 14.2160, -15.3520

Background



This preview shows how black text looks on a background with the YIQ color 191.9300, 14.2160, -15.3520.



This preview shows how white text looks on a background with the YIQ color 191.9300, 14.2160,

-15.3520.

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

191.9300, 14.2160, -15.3520

Protanopia

192.9420, 23.1100, -11.3380

Deuteranopia

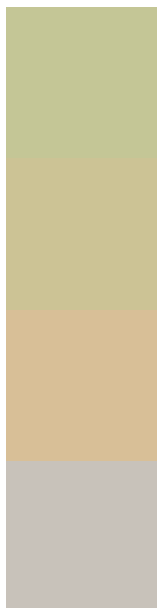
195.2690, 35.6710, -2.1930



Tritanopia

196.2980, 2.3370, 7.2090

Trichromacy



Original Color

191.9300, 14.2160, -15.3520

Protanomaly

192.4470, 20.1300, -12.3980

Deuteranomaly

193.9150, 27.7400, -7.1400

Tritanomaly

194.8820, 6.1440, -1.2160

Monochromacy



Original Color

191.9300, 14.2160, -15.3520

Achromatopsia

192.0000, -0.0000, 0.0000

Achromatomaly

191.7630, 4.8610, -5.4990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 191.9300, 14.2160, -15.3520 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(196, 198, 150)` looks like.

```
.text, #text, p{  
    color:rgb(196, 198, 150)  
}
```

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(196, 198, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 198, 150) }
```

Border

The CSS property to change the border of an element to YIQ 191.9300, 14.2160, -15.3520 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(196, 198, 150) }
```


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

```
.border{ border-color:rgb(196, 198, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 198, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 198, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 198, 150);  
box-shadow:4px 4px 4px 4px rgb(196, 198,  
150) }
```

Background

The CSS property to change the background color of an element to YIQ 191.9300, 14.2160, -15.3520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 198, 150) }
```

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

```
.background{ background-color: rgb(196,  
198, 150) }
```

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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