

Converting Colors

YIQ(159.3740, 31.5420, 12.0700)

Have a look what the booklet for
YIQ(159.3740, 31.5420, 12.0700)
contains.

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Color

**YIQ(159.3740, 31.5420,
12.0700)**

Conversions

Conversions Part 1

Format	Color
Hex	C58F91
RGB	197, 143, 145
RGB Percent	77%, 56%, 57%
CMY	0.2273, 0.4393, 0.4312
CMYK	0.00, 0.27, 0.26, 0.23
HSL	358°, 32%, 67%
HSV	358°, 27%, 77%
XYZ	37.9669, 33.5582, 31.2771
YIQ	159.3740, 31.5420, 12.0700

Conversions

Conversions Part 2

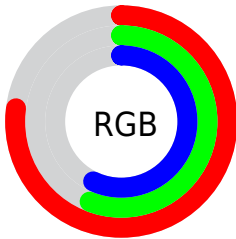
Format	Color
R_{YB}	197, 143, 145
Decimal	12947345
CIE Lab	64.61, 20.78, 7.02
CIE LCh	65, 21.931, 18.670
Yxy	33.5582, 0.3693, 0.3264
Android (android.graphics.Color)	4291137425 (0xFFC58F91)
YUV	159.3740, -7.0864, 32.9980
Hunter-Lab	57.9294, 15.6124, 8.5389

Details

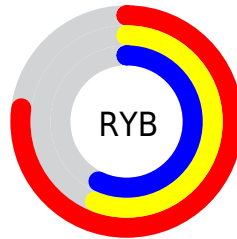
The YIQ color **159.3740, 31.5420, 12.0700** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **180.6260, -31.5420, -12.0700**, and the grayscale version is **159.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **214.5700, 33.9260, 12.9180**, and **107.2920, 28.8370, 11.5330** is the 20% darker color. If you saturate the color by 10%, you get **145.4680, 43.1410, 16.6210**, and if you desaturate by 10%, it is **173.2800, 19.9430, 7.5190**.

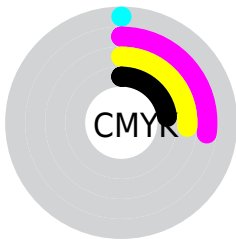
Distribution



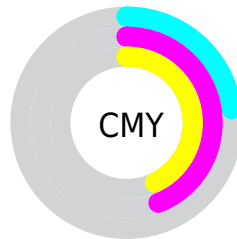
- Red (77%)
- Green (56%)
- Blue (57%)



- Red (77%)
- Yellow (56%)
- Blue (57%)



- Cyan (0%)
- Magenta (27%)
- Yellow (26%)
- Black (23%)




- Cyan (23%)
- Magenta (44%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 159.3740, 31.5420, 12.0700 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 159.3740, 31.5420, 12.0700 by changing the saturation by 10% instead.


 159.3740, 31.5420,
12.0700


 159.3740, 31.5420,
12.0700


255.0000, -0.0000,
-0.0000

 132.7760, 30.3500,
11.6460


 214.5700, 33.9260,
12.9180


 107.2920, 28.8370,
11.5330


 234.1980, 17.2380,
6.9820

 82.6940, 27.6450,
11.1090

254.4130, 0.2750,
0.5230

 58.9110, 25.5360,
10.7840

 36.1280, 23.4270,
10.4590

 12.9710, 25.3070,
9.4270

 0.0000, 0.0000,

0.0000

159.3740, 31.5420,
12.0700

159.3740, 31.5420,
12.0700

145.4680, 43.1410,
16.6210

173.2800, 19.9430,
7.5190

132.1490, 54.4650,
20.6490

186.5990, 8.6190,
3.4910

118.2430, 66.0640,
25.2000

200.5050, -2.9800,
-1.0600

104.3370, 77.6630,
29.7510

214.4110,
-14.5790, -5.6110

90.4310, 89.2620,
34.3020

227.7300,
-25.9030, -9.6390

77.1120, 100.5860,
38.3300

237.6580,
-34.5680, -12.2960

■ 63.2060, 112.1850,
42.8810

■ 59.7010, 115.1650,
43.9410

Harmonies

Analogous

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



159.8600, 21.5460, 17.0180



159.3740, 31.5420, 12.0700



158.2890, 32.9190, 3.6310

Triad

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



159.3740, 31.5420, 12.0700



151.7520, -5.7740, -16.5100



153.5140, -33.5620, 2.5180

Complementary

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



159.3740, 31.5420, 12.0700



180.6260, -31.5420, -12.0700

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.



149.0410, -42.7760, -6.7120



159.3740, 31.5420, 12.0700



149.2860, -24.8930, -16.9330

Square

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



159.3740, 31.5420, 12.0700



154.1410, 12.2440, -12.6520



148.2660, -39.3360, -13.9920



157.3640, -15.2240, 11.5920

Rectangle

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



159.3740, 31.5420, 12.0700



157.4470, 29.2980, -2.3340



148.2660, -39.3360, -13.9920



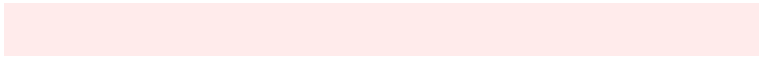
152.3670, -37.6420, -0.6340

Sweetspot

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



159.3740, 31.5420, 12.0700



240.9800, 11.9200, 4.2400



164.4050, 13.0620, 27.6060



118.8870, 7.7480, 2.7560



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.



159.3740, 31.5420, 12.0700



196.4580, 49.1010, 18.7410



173.2340, 25.5840, -1.1040



92.6910, 5.3640, 1.9080



49.4210, 95.2220, 36.4220



10.8780, 21.1350, 7.9430

Inverse Universe

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



159.3740, 31.5420, 12.0700



196.4580, 49.1010, 18.7410



166.7660, -25.5840, 1.1040



92.6910, 5.3640, 1.9080



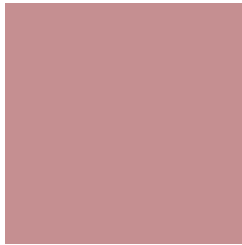
49.4210, 95.2220, 36.4220



10.8780, 21.1350, 7.9430

Previews

White Background



This preview shows how the YIQ color 159.3740, 31.5420, 12.0700 looks on a white background.

Color Contrast Check

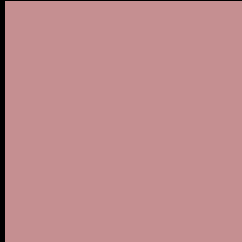
Large Text (above 18pt) WCAG AA × Fail

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 159.3740, 31.5420, 12.0700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

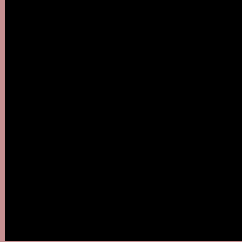
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 159.3740, 31.5420, 12.0700

Background



This preview shows how black text looks on a background with the YIQ color 159.3740, 31.5420, 12.0700.



This preview shows how white text looks on a background with the YIQ color 159.3740, 31.5420,

12.0700.

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

159.3740, 31.5420, 12.0700

Protanopia

157.0390, 4.2640, -0.1840

Deuteranopia

157.8620, 18.0640, 3.0240



Tritanopia

159.9980, 29.8450, 15.2930

Trichromacy



Original Color

159.3740, 31.5420, 12.0700

Protanomaly

157.6490, 14.3500, 4.2540

Deuteranomaly

158.3080, 22.7400, 6.3880

Tritanomaly

159.6560, 30.8080, 14.3600

Monochromacy



Original Color

159.3740, 31.5420, 12.0700

Achromatopsia

159.0000, -0.0000, 0.0000

Achromatomaly

159.0940, 11.5990, 4.5510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.3740, 31.5420, 12.0700 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(197, 143, 145)` looks like.

```
.text, #text, p{  
    color:rgb(197, 143, 145)  
}
```

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(197, 143, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 143, 145) }
```

Border

The CSS property to change the border of an element to YIQ 159.3740, 31.5420, 12.0700 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(197, 143, 145) }
```


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

```
.border{ border-color:rgb(197, 143, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 143, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 143, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 143, 145);  
box-shadow:4px 4px 4px 4px rgb(197, 143,  
145) }
```

Background

The CSS property to change the background color of an element to YIQ 159.3740, 31.5420, 12.0700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 143, 145) }
```

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

```
.background{ background-color: rgb(197,  
143, 145) }
```

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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