

Converting Colors

YIQ(161.7990, 31.5430, 6.5430)

Have a look what the booklet for
YIQ(161.7990, 31.5430, 6.5430)
contains.

YIQ(161.7990, 31.5430, 6.5430)	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(161.7990, 31.5430,
6.5430)**

Conversions

Conversions Part 1

Format	Color
Hex	C4958A
RGB	196, 149, 138
RGB Percent	77%, 58%, 54%
CMY	0.2313, 0.4157, 0.4587
CMYK	0.00, 0.24, 0.30, 0.23
HSL	11°, 33%, 66%
HSV	11°, 30%, 77%
XYZ	38.1061, 35.0640, 28.8173
YIQ	161.7990, 31.5430, 6.5430

Conversions

Conversions Part 2

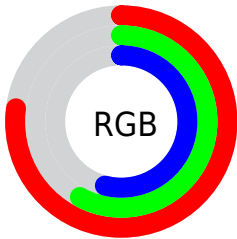
Format	Color
R_{YB}	196, 152, 138
Decimal	12883338
CIE Lab	65.80, 16.11, 12.62
CIE LCh	66, 20.463, 38.088
Yxy	35.0640, 0.3736, 0.3438
Android (android.graphics.Color)	4291073418 (0xFFC4958A)
YUV	161.7990, -11.7329, 29.9943
Hunter-Lab	59.2148, 11.2431, 12.5965

Details

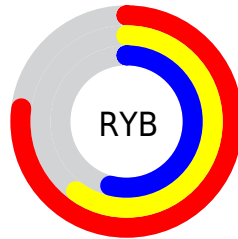
The YIQ color **161.7990, 31.5430, 6.5430** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **172.2010, -31.5430, -6.5430**, and the grayscale version is **162.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **216.8810, 34.2480, 7.0800**, and **109.7170, 28.8380, 6.0060** is the 20% darker color. If you saturate the color by 10%, you get **150.1270, 42.3630, 8.6910**, and if you desaturate by 10%, it is **173.4710, 20.7230, 4.3950**.

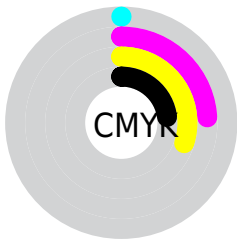
Distribution



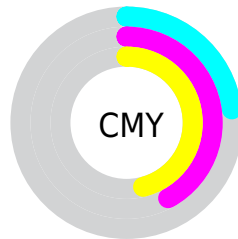
- Red (77%)
- Green (58%)
- Blue (54%)



- Red (77%)
- Yellow (60%)
- Blue (54%)



- Cyan (0%)
- Magenta (24%)
- Yellow (30%)
- Black (23%)





- Cyan (23%)
- Magenta (42%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 161.7990, 31.5430, 6.5430 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 161.7990, 31.5430, 6.5430 by changing the saturation by 10% instead.


 161.7990, 31.5430,
6.5430


 161.7990, 31.5430,
6.5430


255.0000, -0.0000,
-0.0000


 135.3150, 30.0300,
6.4300

 216.8810, 34.2480,
7.0800


 109.7170, 28.8380,
6.0060


 236.8080, 18.1560,
1.3560

 85.2330, 27.3250,
5.8930

 254.2020, 2.2470,
-2.1770

 61.4500, 25.2160,
5.5680

 38.6670, 23.1070,
5.2430

 16.6670, 23.1070,
5.2430

 0.0000, 0.0000,

0.0000

■ 161.7990, 31.5430,
6.5430

■ 161.7990, 31.5430,
6.5430

■ 150.1270, 42.3630,
8.6910

■ 173.4710, 20.7230,
4.3950

■ 138.5690, 52.8620,
11.1500

■ 185.0290, 10.2240,
1.9360

■ 126.8970, 63.6820,
13.2980

■ 196.7010, -0.5960,
-0.2120

■ 115.3390, 74.1810,
15.7570

■ 208.2590,
-11.0950, -2.6710

■ 103.6670, 85.0010,
17.9050

■ 219.3440,
-21.6400, -4.2960

■ 92.5820, 95.5460,
19.5300

■ 230.9020,
-32.1390, -6.7550

■ 81.0240, 106.0450,
21.9890

■ 237.3590,
-35.1640, -12.5080

■ 80.3230, 106.6410,
22.2010

Harmonies

Analogous

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



162.8620, 27.2320, 13.0880



161.7990, 31.5430, 6.5430



160.3760, 28.0600, -1.9240

Triad

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



161.7990, 31.5430, 6.5430



154.1190, -17.0530, -15.8450



159.6190, -20.4960, 8.0160

Complementary

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



161.7990, 31.5430, 6.5430



172.2010, -31.5430, -6.5430

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.



155.3350, -34.6160, -0.4080



161.7990, 31.5430, 6.5430



151.9740, -32.6420, -14.1620

Square

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



161.7990, 31.5430, 6.5430



156.6280, 0.5070, -14.7010



152.5420, -39.9330, -8.6770



161.8880, -2.0200, 14.5880

Rectangle

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



161.7990, 31.5430, 6.5430



159.0930, 21.3670, -7.2810



152.5420, -39.9330, -8.6770



158.4010, -25.8140, 5.2740

Sweetspot

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



161.7990, 31.5430, 6.5430



241.2250, 12.6080, 2.7840



160.7000, 19.4810, 26.9130



119.2460, 8.1150, 1.6110



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.



161.7990, 31.5430, 6.5430



201.0740, 49.8820, 10.0900



178.8220, 23.5680, -8.6240



91.1640, 5.4100, 1.0740



65.7490, 87.7060, 18.4420



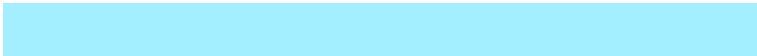
13.3890, 18.0180, 3.8580

Inverse Universe

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



172.2010, -31.5430, -6.5430



217.5130, -50.1570, -10.6130



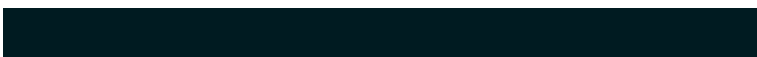
155.1780, -23.5680, 8.6240



92.8360, -5.4100, -1.0740



94.6640, -87.4310, -17.9190



19.6110, -18.0180, -3.8580

Previews

White Background



This preview shows how the YIQ color 161.7990, 31.5430, 6.5430 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 161.7990, 31.5430, 6.5430 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 161.7990, 31.5430, 6.5430

Background



This preview shows how black text looks on a background with the YIQ color 161.7990, 31.5430, 6.5430.



This preview shows how white text looks on a background with the YIQ color 161.7990, 31.5430,

6.5430.

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

161.7990, 31.5430, 6.5430

Protanopia

160.1550, 9.6290, -3.8030

Deuteranopia

161.0320, 23.3370, 1.0730



Tritanopia

162.8020, 27.4610, 14.4450

Trichromacy



Original Color

161.7990, 31.5430, 6.5430

Protanomaly

160.8680, 17.9270, -0.0010

Deuteranomaly

161.0540, 26.2710, 2.9670

Tritanomaly

162.2920, 28.8370, 11.5330

Monochromacy



Original Color

161.7990, 31.5430, 6.5430

Achromatopsia

162.0000, -0.0000, 0.0000

Achromatomaly

161.6270, 11.4160, 2.3600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 161.7990, 31.5430, 6.5430 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, 149, 138)` looks like.

```
.text, #text, p{  
    color:rgb(196, 149, 138)  
}
```

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, 149, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 149, 138) }
```

Border

The CSS property to change the border of an element to YIQ 161.7990, 31.5430, 6.5430 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, 149, 138) }
```


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

```
.border{ border-color:rgb(196, 149, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 149, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 149, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 149, 138);  
box-shadow:4px 4px 4px 4px rgb(196, 149,  
138) }
```

Background

The CSS property to change the background color of an element to YIQ 161.7990, 31.5430, 6.5430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 149, 138) }
```

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

```
.background{ background-color: rgb(196,  
149, 138) }
```

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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