

Converting Colors

YIQ(154.8900, 39.1970, 22.0210)

Have a look what the booklet for
YIQ(154.8900, 39.1970, 22.0210)
contains.

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Color

**YIQ(154.8900, 39.1970,
22.0210)**

Conversions

Conversions Part 1

Format	Color
Hex	CE8295
RGB	206, 130, 149
RGB Percent	81%, 51%, 58%
CMY	0.1920, 0.4903, 0.4155
CMYK	0.00, 0.37, 0.28, 0.19
HSL	345°, 44%, 66%
HSV	345°, 37%, 81%
XYZ	38.8733, 31.2567, 32.4331
YIQ	154.8900, 39.1970, 22.0210

Conversions

Conversions Part 2

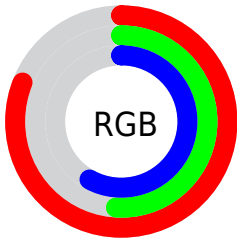
Format	Color
R_{YB}	206, 130, 149
Decimal	13533845
CIE _{Lab}	62.72, 31.82, 2.16
CIE _{LCh}	63, 31.890, 3.886
Yxy	31.2567, 0.3790, 0.3048
Android (android.graphics.Color)	4291723925 (0xFFCE8295)
YUV	154.8900, -2.9038, 44.8235
Hunter-Lab	55.9077, 26.2748, 4.7401

Details

The YIQ color **154.8900, 39.1970, 22.0210** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **181.1100, -39.1970, -22.0210**, and the grayscale version is **155.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **207.3950, 36.2170, 20.9610**, and **102.3950, 36.2170, 20.9610** is the 20% darker color. If you saturate the color by 10%, you get **140.8530, 49.7870, 28.3390**, and if you desaturate by 10%, it is **168.9270, 28.6070, 15.7030**.

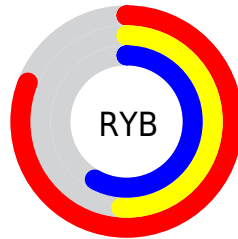
Distribution



Red (81%)

Green (51%)

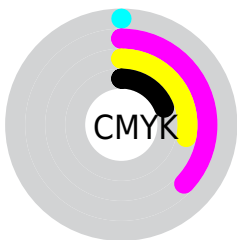
Blue (58%)



Red (81%)

Yellow (51%)

Blue (58%)

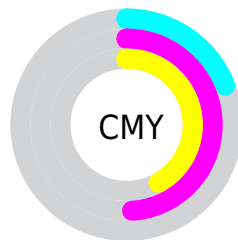


Cyan (0%)

Magenta (37%)

Yellow (28%)

Black (19%)



Cyan (19%)


Magenta (49%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 154.8900, 39.1970, 22.0210 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 154.8900, 39.1970, 22.0210 by changing the saturation by 10% instead.


 154.8900, 39.1970,
22.0210


 154.8900, 39.1970,
22.0210


255.0000, -0.0000,
-0.0000


 128.2920, 38.0050,
21.5970


 207.3950, 36.2170,
20.9610


 102.3950, 36.2170,
20.9610


 227.0230, 19.5290,
15.0250

 77.6120, 34.1080,
20.6360

 246.1950, 4.1250,
7.8450

 52.8290, 31.9990,
20.3110

 27.1110, 31.2650,
22.6010

 15.0360, 26.6820,
12.0420

 0.2990, 0.5960,

0.2120

0.0000, 0.0000,
0.0000

154.8900, 39.1970,
22.0210

154.8900, 39.1970,
22.0210

140.8530, 49.7870,
28.3390

168.9270, 28.6070,
15.7030

127.2890, 60.4230,
33.8230

182.4910, 17.9710,
10.2190

113.2520, 71.0130,
40.1410

196.5280, 7.3810,
3.9010

99.6880, 81.6490,
45.6250

210.0920, -3.2550,
-1.5830

85.6510, 92.2390,
51.9430

224.1290,
-13.8450, -7.9010

■ 71.5000, 103.1500,
57.9500

■ 238.2800,
-24.7560, -13.9080

■ 67.5220, 106.0840,
59.8440

■ 240.3490,
-29.2040, -10.3880

Harmonies

Analogous

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



155.9450, 20.1690, 25.4570



154.8900, 39.1970, 22.0210



153.5730, 47.0390, 12.0550

Triad

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



154.8900, 39.1970, 22.0210



146.1520, 4.5430, -21.7690



139.3620, -65.6090, -5.9050

Complementary

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



154.8900, 39.1970, 22.0210



181.1100, -39.1970, -22.0210

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.



132.2430, -76.0600, -20.2520



154.8900, 39.1970, 22.0210



142.0160, -24.4330, -25.2730

Square

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



154.8900, 39.1970, 22.0210



149.4000, 27.5120, -14.0240



136.0310, -55.1520, -24.7200



148.8050, -38.5150, 9.6850

Rectangle

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



154.8900, 39.1970, 22.0210



152.1070, 45.1150, 2.8670



136.0310, -55.1520, -24.7200



136.0790, -72.3020, -11.2620

Sweetspot

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



154.8900, 39.1970, 22.0210



236.1700, 14.4410, 8.1130



155.4080, 8.9800, 35.5080



116.5390, 8.8480, 4.8480



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.



154.8900, 39.1970, 22.0210



179.6800, 57.7640, 32.4520



163.2900, 40.3460, 6.6980



95.2180, 5.3180, 2.7420



54.4220, 85.4540, 48.2540



12.5020, 19.4380, 11.1660

Inverse Universe

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



154.8900, 39.1970, 22.0210



179.6800, 57.7640, 32.4520



172.7100, -40.3460, -6.6980



95.2180, 5.3180, 2.7420



54.4220, 85.4540, 48.2540



12.5020, 19.4380, 11.1660

Previews

White Background



This preview shows how the YIQ color 154.8900, 39.1970, 22.0210 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 154.8900, 39.1970, 22.0210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

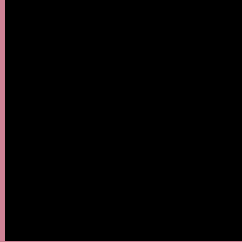
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 154.8900, 39.1970, 22.0210

Background



This preview shows how black text looks on a background with the YIQ color 154.8900, 39.1970, 22.0210.



This preview shows how white text looks on a background with the YIQ color 154.8900, 39.1970,

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

154.8900, 39.1970, 22.0210

Protanopia

152.4390, -2.6140, 3.3220

Deuteranopia

153.4640, 13.4330, 4.3530



Tritanopia

154.2660, 40.8940, 18.7980

Trichromacy



Original Color

154.8900, 39.1970, 22.0210

Protanomaly

153.2670, 12.7900, 10.5020

Deuteranomaly

153.9430, 22.5100, 10.5580

Tritanomaly

154.6080, 39.9310, 19.7310

Monochromacy



Original Color

154.8900, 39.1970, 22.0210

Achromatopsia

155.0000, -0.0000, 0.0000

Achromatomaly

155.1700, 14.4410, 8.1130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 154.8900, 39.1970, 22.0210 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(206, 130, 149)` looks like.

```
.text, #text, p{  
    color:rgb(206, 130, 149)  
}
```

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(206, 130, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 130, 149) }
```

Border

The CSS property to change the border of an element to YIQ 154.8900, 39.1970, 22.0210 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(206, 130, 149) }
```


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

```
.border{ border-color:rgb(206, 130, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 130, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 130, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 130, 149);  
box-shadow:4px 4px 4px 4px rgb(206, 130,  
149) }
```

Background

The CSS property to change the background color of an element to YIQ 154.8900, 39.1970, 22.0210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 130, 149) }
```

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

```
.background{ background-color: rgb(206,  
130, 149) }
```

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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