

Converting Colors

YIQ(174.8890, 22.6020, 8.8900)

Have a look what the booklet for
YIQ(174.8890, 22.6020, 8.8900)
contains.

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Color

**YIQ(174.8890, 22.6020,
8.8900)**

Conversions

Conversions Part 1

Format	Color
Hex	CAA3A5
RGB	202, 163, 165
RGB Percent	79%, 64%, 65%
CMY	0.2077, 0.3608, 0.3528
CMYK	0.00, 0.19, 0.18, 0.21
HSL	357°, 27%, 72%
HSV	357°, 19%, 79%
XYZ	44.2515, 41.4659, 41.2795
YIQ	174.8890, 22.6020, 8.8900

Conversions

Conversions Part 2

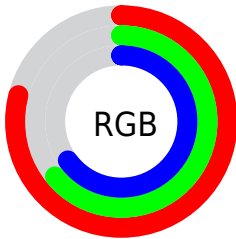
Format	Color
R _Y B	202, 163, 165
Decimal	13280165
CIE Lab	70.50, 14.68, 4.39
CIE LCh	71, 15.318, 16.650
Yxy	41.4659, 0.3484, 0.3265
Android (android.graphics.Color)	4291470245 (0xFFCAA3A5)
YUV	174.8890, -4.8753, 23.7763
Hunter-Lab	64.3940, 9.9754, 7.0683

Details

The YIQ color **174.8890, 22.6020, 8.8900** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **190.1110, -22.6020, -8.8900**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **229.2910, 21.4100, 8.4660**, and **121.9920, 20.8140, 8.2540** is the 20% darker color. If you saturate the color by 10%, you get **160.9830, 34.2010, 13.4410**, and if you desaturate by 10%, it is **188.7950, 11.0030, 4.3390**.

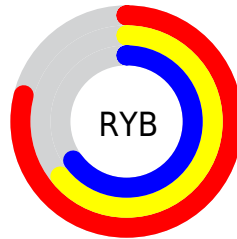
Distribution



Red (79%)

Green (64%)

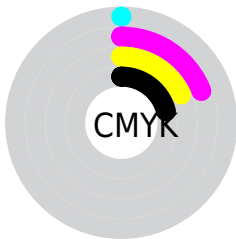
Blue (65%)



Red (79%)

Yellow (64%)

Blue (65%)

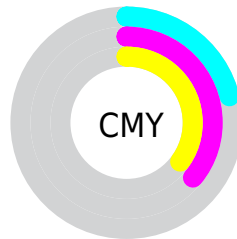


Cyan (0%)

Magenta (19%)

Yellow (18%)

Black (21%)



Cyan (21%)

Magenta (36%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 174.8890, 22.6020, 8.8900 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 174.8890, 22.6020, 8.8900 by changing the saturation by 10% instead.

■ 174.8890, 22.6020,
8.8900

■ 174.8890, 22.6020,
8.8900

255.0000, -0.0000,
-0.0000

■ 148.2910, 21.4100,
8.4660

■ 229.2910, 21.4100,
8.4660

■ 121.9920, 20.8140,
8.2540

■ 249.5060, 4.4470,
2.0070

■ 97.3940, 19.6220,
7.8300

■ 73.2090, 18.7050,
7.9290

■ 50.1980, 17.2380,
6.9820

■ 28.7140, 15.7250,
6.8690

■ 8.6710, 17.2840,

6.1480

■ 0.0000, 0.0000,
0.0000

■ 174.8890, 22.6020,
8.8900

■ 174.8890, 22.6020,
8.8900

■ 160.9830, 34.2010,
13.4410

■ 188.7950, 11.0030,
4.3390

■ 147.0770, 45.8000,
17.9920

■ 202.7010, -0.5960,
-0.2120

■ 132.5840, 57.6740,
23.0660

■ 217.1940,
-12.4700, -5.2860

■ 118.5640, 69.5940,
27.3060

■ 231.2140,
-24.3900, -9.5260

■ 104.6580, 81.1930,
31.8570

■ 239.1530,
-31.5880, -11.2360

■ 90.7520, 92.7920,
36.4080

■ 76.8460, 104.3910,
40.9590

■ 62.3530, 116.2650,
46.0330

■ 61.6520, 116.8610,
46.2450

Harmonies

Analogous

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



174.9900, 15.1280, 12.1840



174.8890, 22.6020, 8.8900



173.7980, 24.1160, 3.4760

Triad

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



174.8890, 22.6020, 8.8900



169.4690, -3.2990, -11.8030



170.8480, -22.8790, 1.6410

Complementary

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



174.8890, 22.6020, 8.8900



190.1110, -22.6020, -8.8900

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.



168.2230, -28.6090, -4.6490



174.8890, 22.6020, 8.8900



167.9390, -16.3660, -11.7740

Square

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



174.8890, 22.6020, 8.8900



171.1070, 9.5840, -8.4960



167.7300, -25.9030, -9.6390



172.9960, -11.3720, 7.8600

Rectangle

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



174.8890, 22.6020, 8.8900



173.0810, 21.6410, -1.2310



167.7300, -25.9030, -9.6390



169.8260, -25.8130, -0.2530

Sweetspot

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



174.8890, 22.6020, 8.8900



244.4850, 8.9400, 3.1800



178.2100, 8.9370, 19.7610



121.6910, 5.3640, 1.9080



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.



174.8890, 22.6020, 8.8900



213.9830, 34.2010, 13.4410



184.6400, 18.5690, -0.6230



94.9900, 5.9600, 2.1200



50.6600, 96.0470, 37.9910



11.5900, 22.0060, 8.6780

Inverse Universe

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



174.8890, 22.6020, 8.8900



213.9830, 34.2010, 13.4410



180.3600, -18.5690, 0.6230



94.9900, 5.9600, 2.1200



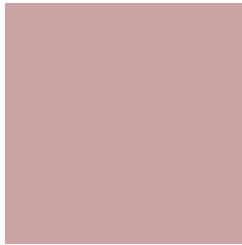
50.6600, 96.0470, 37.9910



11.5900, 22.0060, 8.6780

Previews

White Background



This preview shows how the YIQ color 174.8890, 22.6020, 8.8900 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 174.8890, 22.6020, 8.8900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

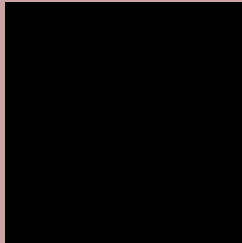
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 174.8890, 22.6020, 8.8900

Background



This preview shows how black text looks on a background with the YIQ color 174.8890, 22.6020, 8.8900.



This preview shows how white text looks on a background with the YIQ color 174.8890, 22.6020,

8.8900.

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

174.8890, 22.6020, 8.8900

Protanopia

172.9680, 3.0260, 0.2260

Deuteranopia

174.1330, 15.8630, 4.3670



Tritanopia

175.6270, 20.5840, 12.4240

Trichromacy



Original Color

174.8890, 22.6020, 8.8900

Protanomaly

173.6700, 9.8570, 3.0810

Deuteranomaly

174.7420, 18.5220, 5.7380

Tritanomaly

175.2850, 21.5470, 11.4910

Monochromacy



Original Color

174.8890, 22.6020, 8.8900

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

175.1860, 8.3440, 2.9680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.8890, 22.6020, 8.8900 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(202, 163, 165)` looks like.

```
.text, #text, p{  
    color:rgb(202, 163, 165)  
}
```

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(202, 163, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 163, 165) }
```

Border

The CSS property to change the border of an element to YIQ 174.8890, 22.6020, 8.8900 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(202, 163, 165) }
```


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

```
.border{ border-color:rgb(202, 163, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 163, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 163, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 163, 165);  
box-shadow:4px 4px 4px 4px rgb(202, 163,  
165) }
```

Background

The CSS property to change the background color of an element to YIQ 174.8890, 22.6020, 8.8900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 163, 165) }
```

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

```
.background{ background-color: rgb(202,  
163, 165) }
```

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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