

Converting Colors

YIQ(175.9600, 22.6990,
-20.4130)

Have a look what the booklet for
YIQ(175.9600, 22.6990, -20.4130)
contains.

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Color

**YIQ(175.9600, 22.6990,
-20.4130)**

Conversions

Conversions Part 1

Format	Color
Hex	B9B774
RGB	185, 183, 116
RGB Percent	73%, 72%, 45%
CMY	0.2745, 0.2823, 0.5449
CMYK	0.00, 0.01, 0.37, 0.27
HSL	58°, 33%, 59%
HSV	58°, 37%, 73%
XYZ	40.0931, 45.4415, 23.1920
YIQ	175.9600, 22.6990, -20.4130

Conversions

Conversions Part 2

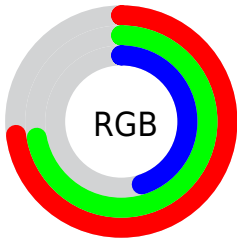
Format	Color
RYB	118, 185, 116
Decimal	12171124
CIELab	73.18, -9.42, 34.32
CIELCh	73, 35.589, 105.347
Yxy	45.4415, 0.3688, 0.4179
Android (android.graphics.Color)	4290361204 (0xFFB9B774)
YUV	175.9600, -29.5603, 7.9281
Hunter-Lab	67.4103, -11.8030, 26.7889

Details

The YIQ color $175.9600, 22.6990, -20.4130$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $125.0400, -22.6990, 20.4130$, and the grayscale version is $176.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $231.9170, 24.2580, -21.1340$, and $123.0030, 21.1400, -19.6920$ is the 20% darker color. If you saturate the color by 10%, you get $173.3210, 28.7520, -25.4880$, and if you desaturate by 10%, it is $178.7130, 16.3250, -15.0270$.

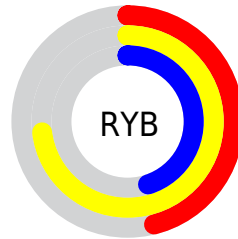
Distribution



Red (73%)

Green (72%)

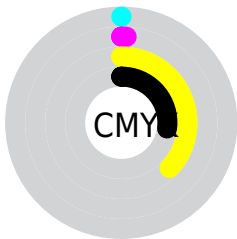
Blue (45%)



Red (46%)

Yellow (73%)

Blue (45%)

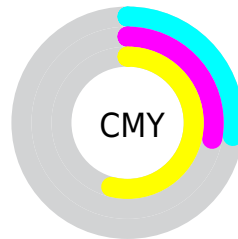


Cyan (0%)

Magenta (1%)

Yellow (37%)

Black (27%)



Cyan (27%)

Magenta (28%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 175.9600, 22.6990, -20.4130 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 175.9600, 22.6990, -20.4130 by changing the saturation by 10% instead.

■ 175.9600, 22.6990,
-20.4130

■ 175.9600, 22.6990,
-20.4130

255.0000, -0.0000,
-0.0000

■ 148.8890, 21.4610,
-20.0030

■ 231.9170, 24.2580,
-21.1340

■ 123.0030, 21.1400,
-19.6920

■ 248.2740, 18.9390,
-18.3490

■ 97.9320, 19.9020,
-19.2820

■ 251.5800, 9.6300,
-9.3300

■ 73.3340, 18.7100,
-19.7060

254.7720, 0.6420,
-0.6220

■ 50.4910, 16.8300,
-18.6740

■ 31.2870, 8.8970,
-12.5670

■ 9.9790, -4.6750,

-8.8910

■ 0.0000, 0.0000,
0.0000

■ 175.9600, 22.6990,
-20.4130

■ 175.9600, 22.6990,
-20.4130

■ 173.3210, 28.7520,
-25.4880

■ 178.7130, 16.3250,
-15.0270

■ 171.1550, 34.8510,
-31.3970

■ 180.7650, 10.5470,
-9.4290

■ 168.5160, 40.9040,
-36.4720

■ 183.5180, 4.1730,
-4.0430

■ 166.3500, 47.0030,
-42.3810

■ 185.5700, -1.6050,
1.5550

■ 163.7110, 53.0560,
-47.4560

■ 188.3230, -7.9790,
6.9410

■ 161.5450, 59.1550,
-53.3650

■ 190.3750,
-13.7570, 12.5390

■ 160.9750, 60.7600,
-54.9200

■ 193.1280,
-20.1310, 17.9250

■ 194.1540,
-23.0200, 20.7240

■ 194.7410,
-23.2950, 20.2010

Harmonies

Analogous

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



178.8860, 43.8790, -7.7770



175.9600, 22.6990, -20.4130



171.5310, -7.0100, -27.1540

Triad

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



175.9600, 22.6990, -20.4130



160.1480, -85.9180, -17.8060



184.5830, 33.0520, 28.7640

Complementary

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



175.9600, 22.6990, -20.4130



125.0400, -22.6990, 20.4130

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.



183.9140, 4.2590, 27.4510



175.9600, 22.6990, -20.4130



170.5350, -64.4180, 0.0460

Square

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



175.9600, 22.6990, -20.4130



159.2120, -74.7750, -27.0230



179.6260, -30.4010, 16.8230



182.6370, 50.1550, 21.6670

Rectangle

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



175.9600, 22.6990, -20.4130



168.1570, -29.3840, -29.1600



179.6260, -30.4010, 16.8230



184.6190, 24.2030, 29.4430

Sweetspot

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



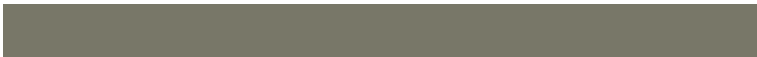
175.9600, 22.6990, -20.4130



236.3350, 8.9420, -7.8740



136.8590, 40.4820, 15.2500



117.5890, 5.4110, -4.4530



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



175.9600, 22.6990, -20.4130



225.9270, 35.4930, -32.0190



167.5660, 3.0770, -28.2430



90.9740, 2.8890, -2.7990



135.2810, 51.4510, -45.9010



24.2210, 9.2630, -8.1850

Inverse Universe

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



125.0400, -22.6990, 20.4130



146.0730, -35.4930, 32.0190



133.4340, -3.0770, 28.2430



84.0260, -2.8890, 2.7990



20.1320, -51.1760, 46.4240



3.7790, -9.2630, 8.1850

Previews

White Background



This preview shows how the YIQ color 175.9600, 22.6990, -20.4130 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 175.9600, 22.6990, -20.4130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

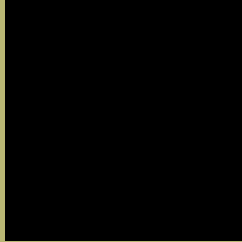
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

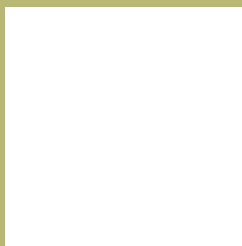
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 175.9600, 22.6990, -20.4130

Background



This preview shows how black text looks on a background with the YIQ color 175.9600, 22.6990, -20.4130.



This preview shows how white text looks on a background with the YIQ color 175.9600, 22.6990,

-20.4130.

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

175.9600, 22.6990, -20.4130

Protanopia

177.0750, 29.8050, -17.0350

Deuteranopia

179.1140, 43.2370, -7.1550



Tritanopia

181.2770, 6.8300, 8.3820

Trichromacy



Original Color

175.9600, 22.6990, -20.4130

Protanomaly

176.4660, 27.1460, -18.4060

Deuteranomaly

178.0590, 35.9020, -11.8900

Tritanomaly

179.1770, 12.5630, -1.9090

Monochromacy



Original Color

175.9600, 22.6990, -20.4130

Achromatopsia

176.0000, -0.0000, -0.0000

Achromatomaly

176.1500, 8.0250, -7.7750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 175.9600, 22.6990, -20.4130 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(185, 183, 116)` looks like.

```
.text, #text, p{  
    color:rgb(185, 183, 116)  
}
```

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(185, 183, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 183, 116) }
```

Border

The CSS property to change the border of an element to YIQ 175.9600, 22.6990, -20.4130 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(185, 183, 116) }
```


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

```
.border{ border-color:rgb(185, 183, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 183, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 183, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 183, 116);  
box-shadow:4px 4px 4px 4px rgb(185, 183,  
116) }
```

Background

The CSS property to change the background color of an element to YIQ 175.9600, 22.6990, -20.4130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 183, 116) }
```

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

```
.background{ background-color: rgb(185,  
183, 116) }
```

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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