

Converting Colors

YIQ(170.8460, -2.2020, 6.8700)

Have a look what the booklet for
YIQ(170.8460, -2.2020, 6.8700)
contains.

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Color

**YIQ(170.8460, -2.2020,
6.8700)**

Conversions

Conversions Part 1

Format	Color
Hex	ADA7B9
RGB	173, 167, 185
RGB Percent	68%, 65%, 73%
CMY	0.3215, 0.3451, 0.2745
CMYK	0.06, 0.10, 0.00, 0.27
HSL	260°, 11%, 69%
HSV	260°, 10%, 73%
XYZ	39.8096, 40.0240, 51.5230
YIQ	170.8460, -2.2020, 6.8700

Conversions

Conversions Part 2

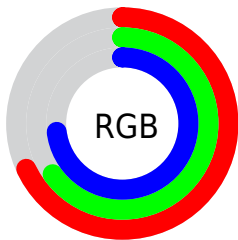
Format	Color
R _Y B	173, 167, 185
Decimal	11380665
CIE Lab	69.49, 5.62, -8.46
CIE LCh	69, 10.158, 303.605
Yxy	40.0240, 0.3031, 0.3047
Android (android.graphics.Color)	4289570745 (0xFFADA7B9)
YUV	170.8460, 6.9779, 1.8891
Hunter-Lab	63.2646, 1.6093, -4.0009

Details

The YIQ color **170.8460, -2.2020, 6.8700** is a light color, and the websafe version is hex **999999**. A complement of this color would be **181.1540, 2.2020, -6.8700**, and the grayscale version is **171.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **225.9600, -2.5230, 7.1810**, and **118.7320, -1.8810, 6.5590** is the 20% darker color. If you saturate the color by 10%, you get **156.6920, -4.4040, 13.7400**, and if you desaturate by 10%, it is **185.5870, -0.2750, -0.5230**.

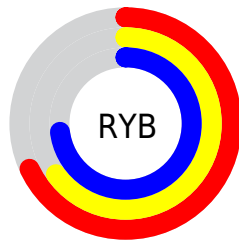
Distribution



Red (68%)

Green (65%)

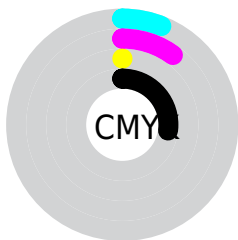
Blue (73%)



Red (68%)

Yellow (65%)

Blue (73%)

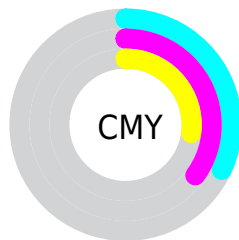


Cyan (6%)

Magenta (10%)

Yellow (0%)

Black (27%)



Cyan (32%)

Magenta (35%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 170.8460, -2.2020, 6.8700 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 170.8460, -2.2020, 6.8700 by changing the saturation by 10% instead.

■ 170.8460, -2.2020,
6.8700

■ 170.8460, -2.2020,
6.8700

■ 255.0000, -0.0000,
-0.0000

■ 144.4330, -2.4770,
6.3470

■ 225.9600, -2.5230,
7.1810

■ 118.7320, -1.8810,
6.5590

■ 252.6520, 1.1000,
2.0920

■ 94.3190, -2.1560,
6.0360

■ 70.3190, -2.1560,
6.0360

■ 48.0910, -1.5140,
5.4140

■ 26.7920, -2.1100,
5.2020

■ 1.9380, -5.4570,

5.2870

■ 0.0000, 0.0000,
0.0000

■ 170.8460, -2.2020,
6.8700

■ 170.8460, -2.2020,
6.8700

■ 156.6920, -4.4040,
13.7400

■ 185.5870, -0.2750,
-0.5230

■ 141.6520, -6.9270,
20.9210

■ 200.0400, 2.5230,
-7.1810

■ 127.4980, -9.1290,
27.7910

■ 214.7810, 4.4500,
-14.5740

■ 112.7570,
-11.0560, 35.1840

■ 228.9350, 6.6520,
-21.4440

■ 98.3040, -13.8540,
41.8420

■ 241.0400, 10.5500,
-26.0100

■ 83.5630, -15.7810,
49.2350

■ 244.6280, 17.7020,
-23.4660

■ 69.4090, -17.9830,
56.1050

■ 247.0200, 22.4700,
-21.7700

■ 54.3690, -20.5060,
63.2860

■ 40.2150, -22.7080,
70.1560

Harmonies

Analogous

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



169.3610, -11.1420, 3.6900



170.8460, -2.2020, 6.8700



171.8640, 6.5550, 7.8590

Triad

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



170.8460, -2.2020, 6.8700



170.1990, 15.4970, -0.0150



166.6560, -13.8910, -7.0670

Complementary

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



170.8460, -2.2020, 6.8700



181.1540, 2.2020, -6.8700

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.



167.1360, -6.5550, -7.8590



170.8460, -2.2020, 6.8700



169.0410, 9.9500, -4.1140

Square

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



170.8460, -2.2020, 6.8700



171.0190, 16.1840, 4.0560



168.1540, 2.2020, -6.8700



167.0840, -17.9720, -4.6920

Rectangle

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



170.8460, -2.2020, 6.8700



171.7890, 11.1400, 7.3640



168.1540, 2.2020, -6.8700



166.6130, -12.3320, -7.7880

Sweetspot

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



170.8460, -2.2020, 6.8700



234.3960, -1.0550, 2.6010



176.0960, -9.0780, -0.6780



116.1680, -0.4130, 1.9790



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.



170.8460, -2.2020, 6.8700



217.2960, -3.3490, 11.1390



173.5370, 3.1620, 8.7780



84.9230, -1.1010, 3.4350



33.3320, -19.0840, 59.5400



5.8830, -3.6240, 10.6160

Inverse Universe

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



173.7500, 6.8760, 7.5480



221.8370, 11.1850, 12.0570



178.4630, -3.1620, -8.7780



86.3750, 3.4380, 3.7740



58.5000, 59.5920, 65.4160



10.5380, 10.5890, 11.8450

Previews

White Background



This preview shows how the YIQ color 170.8460, -2.2020, 6.8700 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 170.8460, -2.2020, 6.8700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

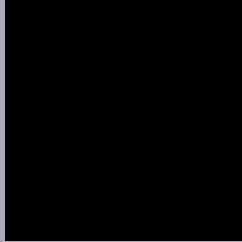
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 170.8460, -2.2020, 6.8700

Background



This preview shows how black text looks on a background with the YIQ color 170.8460, -2.2020, 6.8700.



This preview shows how white text looks on a background with the YIQ color 170.8460, -2.2020,

6.8700.

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

170.8460, -2.2020, 6.8700

Protanopia

170.6390, -6.0530, 5.0750

Deuteranopia

171.4660, 1.9240, 9.1880



Tritanopia

170.6780, -1.7890, 4.8910

Trichromacy



Original Color

170.8460, -2.2020, 6.8700

Protanomaly

170.6500, -4.5860, 6.0220

Deuteranomaly

171.4550, 0.4570, 8.2410

Tritanomaly

170.7920, -2.1100, 5.2020

Monochromacy



Original Color

170.8460, -2.2020, 6.8700

Achromatopsia

171.0000, -0.0000, -0.0000

Achromatomaly

171.2820, -0.7340, 2.2900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.8460, -2.2020, 6.8700 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(173, 167, 185)` looks like.

```
.text, #text, p{  
    color:rgb(173, 167, 185)  
}
```

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(173, 167, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 167, 185) }
```

Border

The CSS property to change the border of an element to YIQ 170.8460, -2.2020, 6.8700 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(173, 167, 185) }
```


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

```
.border{ border-color:rgb(173, 167, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 167, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 167, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 167, 185);  
box-shadow:4px 4px 4px 4px rgb(173, 167,  
185) }
```

Background

The CSS property to change the background color of an element to YIQ 170.8460, -2.2020, 6.8700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 167, 185) }
```

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

```
.background{ background-color: rgb(173,  
167, 185) }
```

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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