

Converting Colors

YIQ(173.8620, 0.8690, 11.7890)

Have a look what the booklet for
YIQ(173.8620, 0.8690, 11.7890)
contains.

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Color

**YIQ(173.8620, 0.8690,
11.7890)**

Conversions

Conversions Part 1

Format	Color
Hex	B6A6C1
RGB	182, 166, 193
RGB Percent	71%, 65%, 76%
CMY	0.2862, 0.3490, 0.2432
CMYK	0.06, 0.14, 0.00, 0.24
HSL	276°, 18%, 70%
HSV	276°, 14%, 76%
XYZ	42.5549, 41.0669, 56.1333
YIQ	173.8620, 0.8690, 11.7890

Conversions

Conversions Part 2

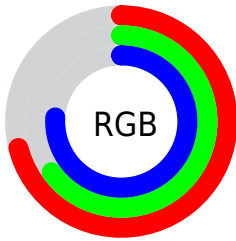
Format	Color
R_{YB}	182, 166, 193
Decimal	11970241
CIE _{Lab}	70.22, 10.86, -11.71
CIE _{LCh}	70, 15.968, 312.843
Yxy	41.0669, 0.3045, 0.2938
Android (android.graphics.Color)	4290160321 (0xFFB6A6C1)
YUV	173.8620, 9.4350, 7.1370
Hunter-Lab	64.0834, 6.3876, -7.0761

Details

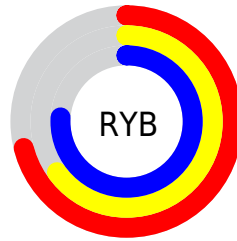
The YIQ color $173.8620, 0.8690, 11.7890$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $185.1380, -0.8690, -11.7890$, and the grayscale version is $174.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $229.2750, 1.1440, 12.3120$, and $121.3350, 0.9150, 10.9550$ is the 20% darker color. If you saturate the color by 10%, you get $160.3170, 1.3260, 20.0300$, and if you desaturate by 10%, it is $187.4070, 0.4120, 3.5480$.

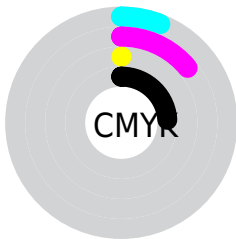
Distribution



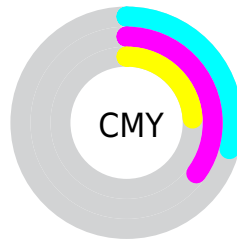
- Red (71%)
- Green (65%)
- Blue (76%)



- Red (71%)
- Yellow (65%)
- Blue (76%)



- Cyan (6%)
- Magenta (14%)
- Yellow (0%)
- Black (24%)




- Cyan (29%)
- Magenta (35%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 173.8620, 0.8690, 11.7890 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 173.8620, 0.8690, 11.7890 by changing the saturation by 10% instead.


 173.8620, 0.8690,
11.7890


 173.8620, 0.8690,
11.7890


255.0000, -0.0000,
-0.0000


 147.4490, 0.5940,
11.2660


 229.2750, 1.1440,
12.3120


 121.3350, 0.9150,
10.9550

 252.0650, 1.3750,
2.6150

 96.9220, 0.6400,
10.4320

 72.8080, 0.9610,
10.1210

 50.3950, 0.6860,
9.5980

 28.9820, 0.4110,
9.0750

 7.2210, 1.2360,

10.6440

■ 0.0000, 0.0000,
0.0000

■ 173.8620, 0.8690,
11.7890

■ 173.8620, 0.8690,
11.7890

■ 160.3170, 1.3260,
20.0300

■ 187.4070, 0.4120,
3.5480

■ 146.1850, 2.0580,
28.7940

■ 201.5390, -0.3200,
-5.2160

■ 132.6400, 2.5150,
37.0350

■ 215.0840, -0.7770,
-13.4570

■ 119.3940, 3.5680,
45.4880

■ 228.3300, -1.8300,
-21.9100

■ 105.2620, 4.3000,
54.2520

■ 237.7660, -0.3620,
-26.4900

■ 91.7170, 4.7570,
62.4930

■ 240.1580, 4.4060,
-24.7940

■ 78.1720, 5.2140,
70.7340

■ 242.5500, 9.1740,
-23.0980

■ 64.6270, 5.6710,
78.9750

■ 244.9420, 13.9420,
-21.4020

■ 56.3870, 6.5870,
84.4030

■ 247.3340, 18.7100,
-19.7060

Harmonies

Analogous

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



172.2130, -13.4810, 7.5350



173.8620, 0.8690, 11.7890



174.9190, 13.8900, 12.5940

Triad

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



173.8620, 0.8690, 11.7890



172.1410, 21.4120, -2.5880



166.3170, -26.1780, -10.1620

Complementary

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



173.8620, 0.8690, 11.7890



185.1380, -0.8690, -11.7890

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.



167.5970, -15.4030, -12.7070



173.8620, 0.8690, 11.7890



170.7760, 12.0140, -8.4820

Square

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



173.8620, 0.8690, 11.7890



173.5100, 24.9870, 4.2110



168.8390, -1.4650, -12.0010



167.2120, -30.0760, -5.5960

Rectangle

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



173.8620, 0.8690, 11.7890



174.6870, 20.3550, 11.0670



168.8390, -1.4650, -12.0010



166.3450, -23.3810, -11.2930

Sweetspot

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



173.8620, 0.8690, 11.7890



242.9340, 0.3660, 4.3820



175.5350, -11.6920, 2.6440



120.5810, -0.1380, 2.5020



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



173.8620, 0.8690, 11.7890



219.6760, 1.6930, 18.8850



176.9230, 8.0670, 13.4990



89.9340, 0.3660, 4.3820



46.7590, 4.9390, 70.2110



9.7420, 1.3270, 14.5030

Inverse Universe

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



175.3270, 12.5610, 9.1450



221.9090, 19.8500, 14.7140



182.0770, -8.0670, -13.4990



90.4460, 4.6760, 3.3640



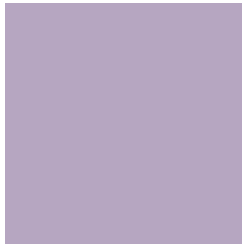
55.5490, 75.0910, 54.3470



11.3490, 15.4950, 11.0390

Previews

White Background



This preview shows how the YIQ color 173.8620, 0.8690, 11.7890 looks on a white background.

Color Contrast Check

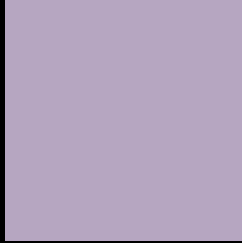
Large Text (above 18pt) WCAG AA × Fail

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 173.8620, 0.8690, 11.7890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

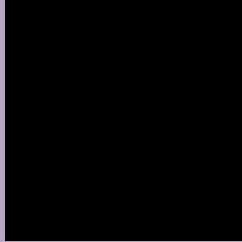
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 173.8620, 0.8690, 11.7890

Background



This preview shows how black text looks on a background with the YIQ color 173.8620, 0.8690, 11.7890.



This preview shows how white text looks on a background with the YIQ color 173.8620, 0.8690,

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

173.8620, 0.8690, 11.7890

Protanopia

172.3660, -9.5380, 7.6620

Deuteranopia

173.5520, -1.1940, 10.6300



Tritanopia

173.0700, 2.9790, 6.5870

Trichromacy



Original Color

173.8620, 0.8690, 11.7890

Protanomaly

173.1600, -5.9620, 8.9340

Deuteranomaly

173.8510, -0.5980, 10.8420

Tritanomaly

173.2380, 2.5660, 8.5660

Monochromacy



Original Color

173.8620, 0.8690, 11.7890

Achromatopsia

174.0000, -0.0000, -0.0000

Achromatomaly

173.9340, 0.3660, 4.3820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 173.8620, 0.8690, 11.7890 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(182, 166, 193)` looks like.

```
.text, #text, p{  
    color:rgb(182, 166, 193)  
}
```

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(182, 166, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 166, 193) }
```

Border

The CSS property to change the border of an element to YIQ 173.8620, 0.8690, 11.7890 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(182, 166, 193) }
```


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

```
.border{ border-color:rgb(182, 166, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 166, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 166, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 166, 193);  
box-shadow:4px 4px 4px 4px rgb(182, 166,  
193) }
```

Background

The CSS property to change the background color of an element to YIQ 173.8620, 0.8690, 11.7890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 166, 193) }
```

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

```
.background{ background-color: rgb(182,  
166, 193) }
```

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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