

Converting Colors

YIQ(190.8730, -6.8320, 2.6720)

Have a look what the booklet for
YIQ(190.8730, -6.8320, 2.6720)
contains.

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Color

**YIQ(190.8730, -6.8320,
2.6720)**

Conversions

Conversions Part 1

Format	Color
Hex	BABFCB
RGB	186, 191, 203
RGB Percent	73%, 75%, 80%
CMY	0.2706, 0.2510, 0.2040
CMYK	0.08, 0.06, 0.00, 0.20
HSL	222°, 14%, 76%
HSV	222°, 8%, 80%
XYZ	49.6591, 52.0129, 63.9163
YIQ	190.8730, -6.8320, 2.6720

Conversions

Conversions Part 2

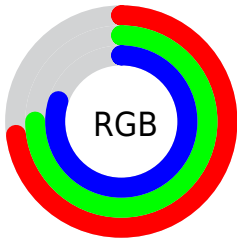
Format	Color
R _Y B	186, 190, 203
Decimal	12238795
CIE Lab	77.29, 0.60, -6.62
CIE LCh	77, 6.646, 275.198
Yxy	52.0129, 0.2999, 0.3141
Android (android.graphics.Color)	4290428875 (0xFFBABFCB)
YUV	190.8730, 5.9786, -4.2736
Hunter-Lab	72.1199, -3.3015, -2.0618

Details

The YIQ color $190.8730, -6.8320, 2.6720$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $198.1270, 6.8320, -2.6720$, and the grayscale version is $191.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $246.4170, -5.5480, 1.4280$, and $137.7590, -6.5110, 2.3610$ is the 20% darker color. If you saturate the color by 10%, you get $176.6750, -14.9020, 5.7540$, and if you desaturate by 10%, it is $205.0710, 1.2380, -0.4100$.

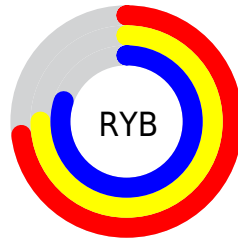
Distribution



Red (73%)

Green (75%)

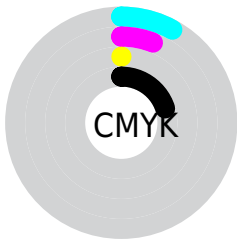
Blue (80%)



Red (73%)

Yellow (75%)

Blue (80%)

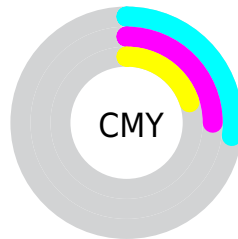


Cyan (8%)

Magenta (6%)

Yellow (0%)

Black (20%)



Cyan (27%)

Magenta (25%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 190.8730, -6.8320, 2.6720 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 190.8730, -6.8320, 2.6720 by changing the saturation by 10% instead.

■ 190.8730, -6.8320,
2.6720

■ 190.8730, -6.8320,
2.6720

255.0000, -0.0000,
-0.0000

■ 163.8730, -6.8320,
2.6720

■ 246.4170, -5.5480,
1.4280

■ 137.7590, -6.5110,
2.3610

■ 112.0580, -5.9150,
2.5730

■ 87.6450, -6.1900,
2.0500

■ 64.5310, -5.8690,
1.7390

■ 42.5310, -5.8690,
1.7390

■ 21.8300, -5.2730,

1.9510

■ 0.5700, -1.6050,
1.5550

■ 0.0000, 0.0000,
0.0000

■ 190.8730, -6.8320,
2.6720

■ 190.8730, -6.8320,
2.6720

■ 176.6750,
-14.9020, 5.7540

■ 205.0710, 1.2380,
-0.4100

■ 161.5910,
-23.2930, 9.1470

■ 220.1550, 9.6290,
-3.8030

■ 147.3930,
-31.3630, 12.2290

■ 234.3530, 17.6990,
-6.8850

■ 133.1950,
-39.4330, 15.3110

■ 244.9630, 18.6170,
-12.5110

■ 118.4100,
-47.2280, 18.9160

■ 249.0720, 16.6920,
-16.1720

■ 103.9130,
-55.8940, 21.7860

■ 89.7150, -63.9640,
24.8680

■ 74.9300, -71.7590,
28.4730

■ 60.4330, -80.4250,
31.3430

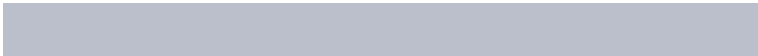
Harmonies

Analogous

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



190.1390, -10.6370, 0.0430



190.8730, -6.8320, 2.6720



191.8630, -0.8720, 4.7920

Triad

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



190.8730, -6.8320, 2.6720



191.7410, 11.0950, 2.6710



189.2010, -5.1800, -5.2440

Complementary

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



190.8730, -6.8320, 2.6720



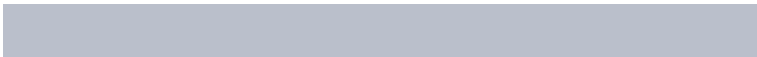
198.1270, 6.8320, -2.6720

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.



190.1370, 0.8720, -4.7920



190.8730, -6.8320, 2.6720



191.5620, 10.0410, -0.2550

Square

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



190.8730, -6.8320, 2.6720



192.4250, 9.1690, 4.5370



190.8280, 6.2360, -2.8840



189.2760, -9.7650, -4.7490

Rectangle

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



190.8730, -6.8320, 2.6720



192.1300, 2.7500, 5.2300



190.8280, 6.2360, -2.8840



189.5710, -3.3460, -5.4420

Sweetspot

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



190.8730, -6.8320, 2.6720



249.6730, -3.3930, 0.9190



197.3470, -8.5270, -5.1590



123.8580, -2.4760, 0.8200



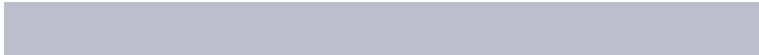
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



190.8730, -6.8320, 2.6720



236.9590, -9.9500, 4.1140



188.8350, -3.6690, 5.9230



94.9010, -4.0350, 1.5410



47.6870, -66.7610, 25.9990



10.7890, -15.2230, 6.0650

Inverse Universe

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



191.6530, 8.5270, 5.1590



238.2730, 12.6530, 7.4770



200.1650, 3.6690, -5.9230



95.3320, 4.9970, 3.0530



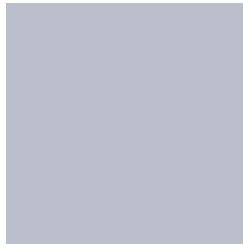
55.2200, 83.2070, 50.4310



12.6160, 19.1170, 11.4770

Previews

White Background



This preview shows how the YIQ color 190.8730, -6.8320, 2.6720 looks on a white background.

Color Contrast Check

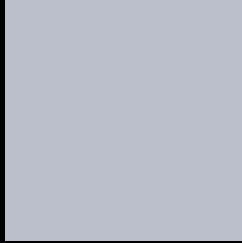
Large Text (above 18pt) WCAG AA × Fail

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 190.8730, -6.8320, 2.6720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

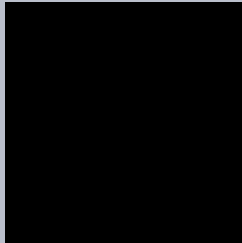
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

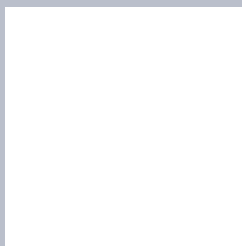
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 190.8730, -6.8320, 2.6720

Background



This preview shows how black text looks on a background with the YIQ color 190.8730, -6.8320, 2.6720.



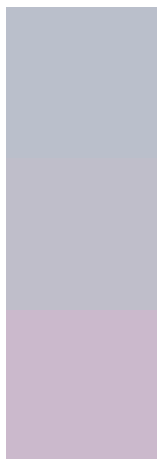
This preview shows how white text looks on a background with the YIQ color 190.8730, -6.8320,

2.6720.

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

190.8730, -6.8320, 2.6720

Protanopia

191.6670, -3.2560, 3.9440

Deuteranopia

192.5480, 4.6290, 9.7250



Tritanopia

191.2150, -7.7950, 3.6050

Trichromacy



Original Color

190.8730, -6.8320, 2.6720

Protanomaly

191.0690, -4.4480, 3.5200

Deuteranomaly

191.9280, 0.5030, 7.4070

Tritanomaly

191.1010, -7.4740, 3.2940

Monochromacy



Original Color

190.8730, -6.8320, 2.6720

Achromatopsia

191.0000, -0.0000, -0.0000

Achromatomaly

190.8580, -2.4760, 0.8200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 190.8730, -6.8320, 2.6720 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(186, 191, 203)` looks like.

```
.text, #text, p{  
    color:rgb(186, 191, 203)  
}
```

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(186, 191, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 191, 203) }
```

Border

The CSS property to change the border of an element to YIQ 190.8730, -6.8320, 2.6720 is called "border". The border property can be set on classes, ids or directly on the HTML element.

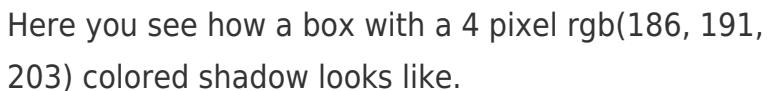
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 191, 203) }
```


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

```
.border{ border-color:rgb(186, 191, 203) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 191, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 191, 203); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 191, 203); box-shadow:4px 4px 4px 4px rgb(186, 191, 203) }
```

Background

The CSS property to change the background color of an element to YIQ 190.8730, -6.8320, 2.6720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 191, 203) }
```

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

```
.background{ background-color: rgb(186,  
191, 203) }
```

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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