

Converting Colors

YIQ(189.5630, 0.2730, 11.5770)

Have a look what the booklet for
YIQ(189.5630, 0.2730, 11.5770)
contains.

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Color

**YIQ(189.5630, 0.2730,
11.5770)**

Conversions

Conversions Part 1

Format	Color
Hex	C5B6D1
RGB	197, 182, 209
RGB Percent	77%, 71%, 82%
CMY	0.2274, 0.2863, 0.1804
CMYK	0.06, 0.13, 0.00, 0.18
HSL	273°, 23%, 77%
HSV	273°, 13%, 82%
XYZ	51.2641, 49.9287, 67.2536
YIQ	189.5630, 0.2730, 11.5770

Conversions

Conversions Part 2

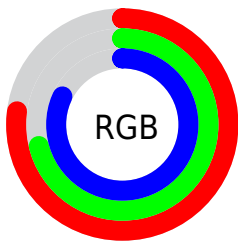
Format	Color
RYB	197, 182, 209
Decimal	12957393
CIELab	76.03, 10.34, -11.66
CIElCh	76, 15.585, 311.560
Yxy	49.9287, 0.3043, 0.2964
Android (android.graphics.Color)	4291147473 (0xFFC5B6D1)
YUV	189.5630, 9.5824, 6.5222
Hunter-Lab	70.6602, 5.8467, -6.9694

Details

The YIQ color $189.5630, 0.2730, 11.5770$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $201.4370, -0.2730, -11.5770$, and the grayscale version is $189.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $244.7220, 4.0790, 8.6790$, and $136.1500, -0.0020, 11.0540$ is the 20% darker color. If you saturate the color by 10%, you get $174.5450, 0.6840, 20.6520$, and if you desaturate by 10%, it is $204.5810, -0.1380, 2.5020$.

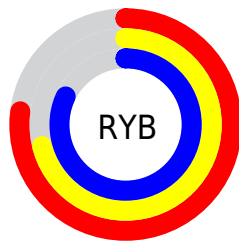
Distribution



Red (77%)

Green (71%)

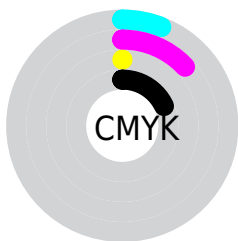
Blue (82%)



Red (77%)

Yellow (71%)

Blue (82%)

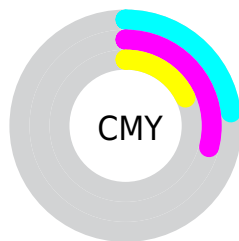


Cyan (6%)

Magenta (13%)

Yellow (0%)

Black (18%)



Cyan (23%)

Magenta (29%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 189.5630, 0.2730, 11.5770 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 189.5630, 0.2730, 11.5770 by changing the saturation by 10% instead.

■ 189.5630, 0.2730,
11.5770

■ 189.5630, 0.2730,
11.5770

255.0000, -0.0000,
-0.0000

■ 162.4490, 0.5940,
11.2660

■ 244.7220, 4.0790,
8.6790

■ 136.1500, -0.0020,
11.0540

■ 110.7370, -0.2770,
10.5310

■ 86.5090, 0.3650,
9.9090

■ 63.0960, 0.0900,
9.3860

■ 40.6830, -0.1850,
8.8630

■ 20.5690, 0.1360,

8.5520

■ 1.3680, -3.8520,
3.7320

■ 0.0000, 0.0000,
0.0000

■ 189.5630, 0.2730,
11.5770

■ 189.5630, 0.2730,
11.5770

■ 174.5450, 0.6840,
20.6520

■ 204.5810, -0.1380,
2.5020

■ 159.2280, 0.4990,
29.5150

■ 219.8980, 0.0470,
-6.3610

■ 144.2100, 0.9100,
38.5900

■ 234.9160, -0.3640,
-15.4360

■ 129.1920, 1.3210,
47.6650

■ 243.4770, 2.2500,
-18.7580

■ 114.7610, 1.4570,
56.2170

■ 246.1680, 7.6140,
-16.8500

■ 99.4440, 1.2720,
65.0800

■ 249.1580, 13.5740,
-14.7300

■ 84.4260, 1.6830,
74.1550

■ 249.7560, 14.7660,
-14.3060

■ 69.4080, 2.0940,
83.2300

■ 58.5100, 2.0470,
89.5910

Harmonies

Analogous

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



187.8000, -13.7560, 7.0120



189.5630, 0.2730, 11.5770



190.6200, 13.2940, 12.3820

Triad

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



189.5630, 0.2730, 11.5770



187.6680, 21.3660, -1.7540



182.5020, -25.2610, -10.2610

Complementary

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



189.5630, 0.2730, 11.5770



201.4370, -0.2730, -11.5770

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.



182.8960, -14.8070, -12.4950



189.5630, 0.2730, 11.5770



186.1890, 12.2890, -7.9590

Square

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



189.5630, 0.2730, 11.5770



188.9230, 25.2620, 4.7340



184.5510, -0.5940, -11.2660



183.0980, -29.7550, -5.9070

Rectangle

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



189.5630, 0.2730, 11.5770



190.3880, 19.7590, 10.8550



184.5510, -0.5940, -11.2660



182.5300, -22.4640, -11.3920

Sweetspot

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



189.5630, 0.2730, 11.5770



247.6350, -0.2300, 4.1700



192.1220, -11.9670, 2.1210



122.9940, 0.1370, 3.0250



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.



189.5630, 0.2730, 11.5770



225.5510, 0.5470, 17.6270



193.0370, 7.7460, 13.8100



97.0480, 0.0450, 4.6930



47.2580, 2.0960, 72.1760



11.5510, 0.5470, 17.6270

Inverse Universe

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



191.4410, 12.2400, 9.4560



228.3110, 18.6580, 14.2900



197.9630, -7.7460, -13.8100



97.8590, 4.9510, 3.8870



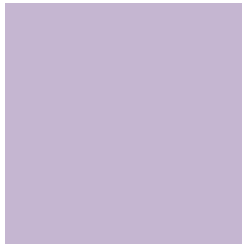
58.7820, 76.0530, 58.9410



14.3110, 18.6580, 14.2900

Previews

White Background



This preview shows how the YIQ color 189.5630, 0.2730, 11.5770 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 189.5630, 0.2730, 11.5770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

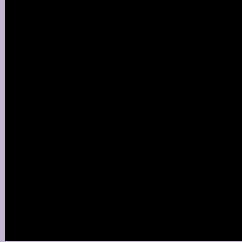
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 189.5630, 0.2730, 11.5770

Background



This preview shows how black text looks on a background with the YIQ color 189.5630, 0.2730, 11.5770.



This preview shows how white text looks on a background with the YIQ color 189.5630, 0.2730,

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

189.5630, 0.2730, 11.5770

Protanopia

188.3660, -9.5380, 7.6620

Deuteranopia

189.2640, -0.3230, 11.3650



Tritanopia

188.8850, 2.0620, 6.6860

Trichromacy



Original Color

189.5630, 0.2730, 11.5770

Protanomaly

189.1600, -5.9620, 8.9340

Deuteranomaly

189.2640, -0.3230, 11.3650

Tritanomaly

189.0530, 1.6490, 8.6650

Monochromacy



Original Color

189.5630, 0.2730, 11.5770

Achromatopsia

190.0000, -0.0000, -0.0000

Achromatomaly

189.9340, 0.3660, 4.3820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.5630, 0.2730, 11.5770 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(197, 182, 209)` looks like.

```
.text, #text, p{  
    color:rgb(197, 182, 209)  
}
```

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(197, 182, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 182, 209) }
```

Border

The CSS property to change the border of an element to YIQ 189.5630, 0.2730, 11.5770 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(197, 182, 209) }
```


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

```
.border{ border-color:rgb(197, 182, 209) }
```

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

Here you see how a box with a 4 pixel rgb(197, 182, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 182, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 182, 209);  
box-shadow:4px 4px 4px 4px rgb(197, 182,  
209) }
```

Background

The CSS property to change the background color of an element to YIQ 189.5630, 0.2730, 11.5770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 182, 209) }
```

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

```
.background{ background-color: rgb(197,  
182, 209) }
```

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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