

Converting Colors

YIQ(184.5530, -10.9620,
22.4620)

Have a look what the booklet for
YIQ(184.5530, -10.9620, 22.4620)
contains.

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Color

**YIQ(184.5530, -10.9620,
22.4620)**

Conversions

Conversions Part 1

Format	Color
Hex	BCADEB
RGB	188, 173, 235
RGB Percent	74%, 68%, 92%
CMY	0.2627, 0.3216, 0.0785
CMYK	0.20, 0.26, 0.00, 0.08
HSL	255°, 61%, 80%
HSV	255°, 26%, 92%
XYZ	50.6781, 46.5754, 84.8985
YIQ	184.5530, -10.9620, 22.4620

Conversions

Conversions Part 2

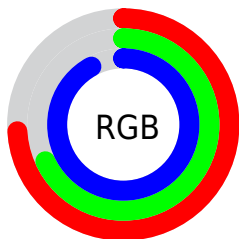
Format	Color
R_{YB}	188, 173, 235
Decimal	12365291
CIE _{Lab}	73.92, 17.87, -29.05
CIE _{LCh}	74, 34.107, 301.595
Yxy	46.5754, 0.2782, 0.2557
Android (android.graphics.Color)	4290555371 (0xFFBCADEB)
YUV	184.5530, 24.8704, 3.0230
Hunter-Lab	68.2461, 13.1195, -25.9847

Details

The YIQ color $184.5530, -10.9620, 22.4620$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $223.4470, 10.9620, -22.4620$, and the grayscale version is $184.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $236.1610, 1.4650, 12.0010$, and $131.4990, -10.8700, 20.7940$ is the 20% darker color. If you saturate the color by 10%, you get $165.6700, -15.3650, 30.6750$, and if you desaturate by 10%, it is $203.4360, -6.5590, 14.2490$.

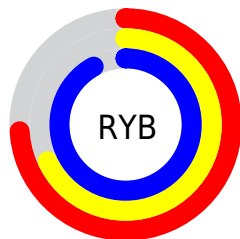
Distribution



Red (74%)

Green (68%)

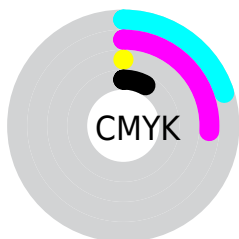
Blue (92%)



Red (74%)

Yellow (68%)

Blue (92%)

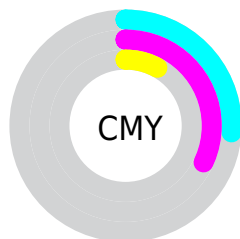


Cyan (20%)

Magenta (26%)

Yellow (0%)

Black (8%)



Cyan (26%)

Magenta (32%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 184.5530, -10.9620, 22.4620 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 184.5530, -10.9620, 22.4620 by changing the saturation by 10% instead.

■ 184.5530,
-10.9620, 22.4620

■ 184.5530,
-10.9620, 22.4620

■ 255.0000, -0.0000,
-0.0000

■ 157.4390,
-10.6410, 22.1510

■ 236.1610, 1.4650,
12.0010

■ 131.4990,
-10.8700, 20.7940

■ 105.9720,
-10.8240, 19.9600

■ 81.4450, -10.7780,
19.1260

■ 57.6190, -11.3280,
18.0800

■ 35.3800, -12.1530,
16.5110

■ 11.9780, -10.9610,

16.9350

■ 4.8220, -10.8220,
8.9060

■ 0.3420, -0.9630,
0.9330

■ 184.5530,
-10.9620, 22.4620

■ 184.5530,
-10.9620, 22.4620

■ 165.6700,
-15.3650, 30.6750

■ 203.4360, -6.5590,
14.2490

■ 146.2000,
-19.4930, 39.4110

■ 222.9060, -2.4310,
5.5130

■ 127.6160,
-23.3000, 47.8360

■ 241.4900, 1.3760,
-2.9120

■ 108.1460,
-27.4280, 56.5720

■ 252.7200, 6.4200,
-6.2200

■ 89.2630, -31.8310,
64.7850

■ 69.7930, -35.9590,
73.5210

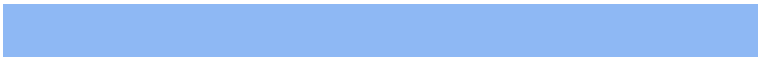
■ 50.9100, -40.3620,
81.7340

■ 43.8330, -41.4630,
85.1690

Harmonies

Analogous

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



178.2820, -44.2920, 9.7560



184.5530, -10.9620, 22.4620



186.5260, 20.0310, 27.9590

Triad

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



184.5530, -10.9620, 22.4620



182.5540, 48.0500, -0.7660



165.9660, -56.5270, -27.3350

Complementary

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



184.5530, -10.9620, 22.4620



223.4470, 10.9620, -22.4620

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.



171.7340, -23.6990, -27.5630



184.5530, -10.9620, 22.4620



179.6240, 32.6930, -14.3070

Square

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



184.5530, -10.9620, 22.4620



183.9650, 51.8070, 13.7510



176.2400, 7.1110, -24.2570



162.6340, -78.7190, -21.6230

Rectangle

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



184.5530, -10.9620, 22.4620



186.0840, 35.8950, 26.7990



176.2400, 7.1110, -24.2570



167.7130, -45.5690, -27.6890

Sweetspot

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



184.5530, -10.9620, 22.4620



238.7750, -3.4400, 7.2800



208.2440, -33.1020, -5.8220



117.3790, -2.3850, 4.6790



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.



184.5530, -10.9620, 22.4620



188.3280, -14.4020, 29.7420



193.5230, 6.9180, 28.8220



107.8520, -2.3390, 3.8450



33.7900, -31.8770, 65.6190



10.0430, -9.5860, 19.5500

Inverse Universe

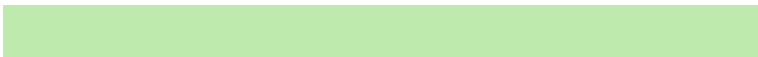
The Inverse Universe completely reimagines the original color for something new.



196.8960, 21.8650, 27.7610



204.5860, 28.9700, 36.6660



214.4770, -6.9180, -28.8220



110.2010, 3.9880, 4.8200



69.7370, 63.8990, 80.9790



20.8200, 19.0230, 24.1990

Previews

White Background



This preview shows how the YIQ color 184.5530, -10.9620, 22.4620 looks on a white background.

Color Contrast Check

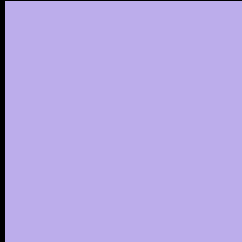
Large Text (above 18pt) WCAG AA × Fail

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 184.5530, -10.9620, 22.4620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

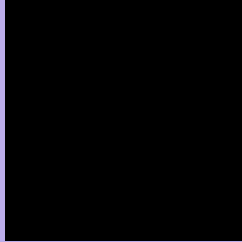
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 184.5530, -10.9620, 22.4620

Background



This preview shows how black text looks on a background with the YIQ color 184.5530, -10.9620, 22.4620.



This preview shows how white text looks on a background with the YIQ color 184.5530, -10.9620, 22.4620.

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

184.5530, -10.9620, 22.4620

Protanopia

181.7680, -27.9250, 16.0030

Deuteranopia

182.5900, -21.5520, 16.1440



Tritanopia

182.5960, -4.4940, 4.3540

Trichromacy



Original Color

184.5530, -10.9620, 22.4620

Protanomaly

182.7580, -21.9650, 18.1230

Deuteranomaly

183.2100, -17.4260, 18.4620

Tritanomaly

183.4420, -6.6960, 11.2240

Monochromacy



Original Color

184.5530, -10.9620, 22.4620

Achromatopsia

185.0000, -0.0000, -0.0000

Achromatomaly

185.0030, -4.0820, 7.9020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 184.5530, -10.9620, 22.4620 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(188, 173, 235)` looks like.

```
.text, #text, p{  
    color:rgb(188, 173, 235)  
}
```

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(188, 173, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 173, 235) }
```

Border

The CSS property to change the border of an element to YIQ 184.5530, -10.9620, 22.4620 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(188, 173, 235) }
```


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

```
.border{ border-color:rgb(188, 173, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 173, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 173, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 173, 235);  
box-shadow:4px 4px 4px 4px rgb(188, 173,  
235) }
```

Background

The CSS property to change the background color of an element to YIQ 184.5530, -10.9620, 22.4620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 173, 235) }
```

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

```
.background{ background-color: rgb(188,  
173, 235) }
```

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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