

Converting Colors

YIQ(130.7630, 24.3380, 43.5220)

Have a look what the booklet for
YIQ(130.7630, 24.3380, 43.5220)
contains.

YIQ(130.7630, 24.3380, 43.5220)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(130.7630, 24.3380,
43.5220)**

Conversions

Conversions Part 1

Format	Color
Hex	B560B2
RGB	181, 96, 178
RGB Percent	71%, 38%, 70%
CMY	0.2899, 0.6237, 0.3019
CMYK	0.00, 0.47, 0.02, 0.29
HSL	302°, 37%, 54%
HSV	302°, 47%, 71%
XYZ	31.2876, 21.4055, 44.6066
YIQ	130.7630, 24.3380, 43.5220

Conversions

Conversions Part 2

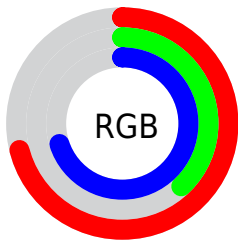
Format	Color
R _Y B	181, 96, 178
Decimal	11886770
CIE Lab	53.39, 46.14, -28.90
CIE LCh	53, 54.442, 327.937
Yxy	21.4055, 0.3216, 0.2200
Android (android.graphics.Color)	4290076850 (0xFFB560B2)
YUV	130.7630, 23.2878, 44.0578
Hunter-Lab	46.2661, 39.7454, -24.7770

Details

The YIQ color **130.7630, 24.3380, 43.5220** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **146.2370, -24.3380, -43.5220**, and the grayscale version is **131.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **185.3010, 25.7590, 45.3030**, and **77.7520, 22.8710, 42.5750** is the 20% darker color. If you saturate the color by 10%, you get **120.0830, 29.6090, 52.6250**, and if you desaturate by 10%, it is **141.4430, 19.0670, 34.4190**.

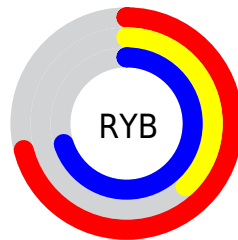
Distribution



Red (71%)

Green (38%)

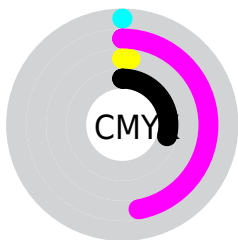
Blue (70%)



Red (71%)

Yellow (38%)

Blue (70%)

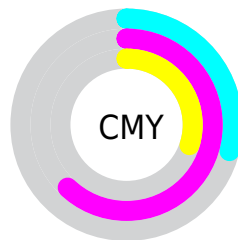


Cyan (0%)

Magenta (47%)

Yellow (2%)

Black (29%)



Cyan (29%)


Magenta (62%)

Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 130.7630, 24.3380, 43.5220 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 130.7630, 24.3380, 43.5220 by changing the saturation by 10% instead.


 130.7630, 24.3380,
43.5220


 130.7630, 24.3380,
43.5220


255.0000, -0.0000,
-0.0000

 104.0510, 23.4670,
42.7870


 185.6000, 26.3550,
45.5150

 77.7520, 22.8710,
42.5750


 209.2140, 21.4500,
40.7940


 49.5180, 23.6500,
44.9780

 225.6500, 13.7500,
26.1500

 30.7900, 19.7080,
39.3240

 242.6730, 5.7750,
10.9830

 20.9920, 12.7870,
27.0830

 9.8130, 2.5650,
14.0930

 0.1140, -0.3210,

0.3110

■ 0.0000, 0.0000,
0.0000

■ 130.7630, 24.3380,
43.5220

■ 130.7630, 24.3380,
43.5220

■ 120.0830, 29.6090,
52.6250

■ 141.4430, 19.0670,
34.4190

■ 109.5170, 34.5590,
62.0390

■ 152.0090, 14.1170,
25.0050

■ 98.8370, 39.8300,
71.1420

■ 162.6890, 8.8460,
15.9020

■ 88.1570, 45.1010,
80.2450

■ 173.3690, 3.5750,
6.7990

■ 77.0040, 50.3260,
90.1820

■ 184.5220, -1.6500,
-3.1380

■ 74.0690, 51.7010,
92.7970

■ 195.2020, -6.9210,
-12.2410

■ 205.8820,
-12.1920, -21.3440

■ 216.4480,
-17.1420, -30.7580

■ 224.7800,
-21.3130, -37.7690

Harmonies

Analogous

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



128.6240, -26.9190, 30.8170



130.7630, 24.3380, 43.5220



126.3740, 59.0460, 42.2620

Triad

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



130.7630, 24.3380, 43.5220



121.3420, 50.6220, -25.3620



106.8430, -95.5450, -25.0570

Complementary

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



130.7630, 24.3380, 43.5220



146.2370, -24.3380, -43.5220

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.



102.0720, -80.7330, -40.1970



130.7630, 24.3380, 43.5220



117.4020, 14.8620, -38.0820

Square

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



130.7630, 24.3380, 43.5220



124.3900, 69.0030, -0.5410



105.6140, -41.5770, -44.9770



108.5990, -106.0010, -11.7690

Rectangle

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



130.7630, 24.3380, 43.5220



124.2100, 70.8310, 32.4230



105.6140, -41.5770, -44.9770



105.7200, -91.0050, -30.2450

Sweetspot

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



130.7630, 24.3380, 43.5220



215.4010, 9.7170, 16.6370



106.5870, -25.4970, 27.0710



105.2600, 5.5000, 10.4600



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



130.7630, 24.3380, 43.5220



156.9460, 37.9050, 67.4810



125.9750, 37.8200, 30.4600



86.6030, 2.7960, 4.3960



63.7440, 44.8260, 79.7220



11.4500, 8.0210, 14.3330

Inverse Universe

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



130.7630, 24.3380, 43.5220



156.9460, 37.9050, 67.4810



151.0250, -37.8200, -30.4600



86.6030, 2.7960, 4.3960



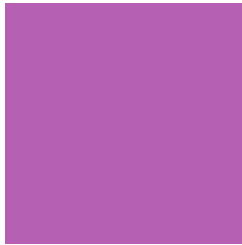
63.7440, 44.8260, 79.7220



11.4500, 8.0210, 14.3330

Previews

White Background



This preview shows how the YIQ color 130.7630, 24.3380, 43.5220 looks on a white background.

Color Contrast Check

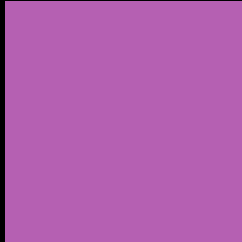
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.7630, 24.3380, 43.5220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

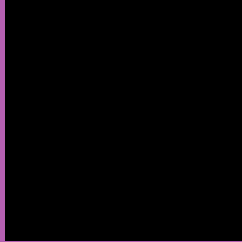
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 130.7630, 24.3380, 43.5220

Background



This preview shows how black text looks on a background with the YIQ color 130.7630, 24.3380, 43.5220.



This preview shows how white text looks on a background with the YIQ color 130.7630, 24.3380,

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

130.7630, 24.3380, 43.5220

Protanopia

126.5910, -40.4880, 17.9120

Deuteranopia

128.0690, -21.6430, 12.2850



Tritanopia

130.0480, 35.5760, 16.0560

Trichromacy



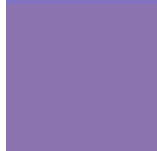
Original Color

130.7630, 24.3380, 43.5220



Protanomaly

128.0780, -16.6940, 27.2260



Deuteranomaly

129.0160, -4.9560, 23.7480



Tritanomaly

130.5180, 31.6770, 26.1490

Monochromacy



Original Color

130.7630, 24.3380, 43.5220



Achromatopsia

131.0000, -0.0000, -0.0000



Achromatomaly

130.6890, 8.8460, 15.9020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.7630, 24.3380, 43.5220 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(181, 96, 178)` looks like.

```
.text, #text, p{  
    color:rgb(181, 96, 178)  
}
```

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(181, 96, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 96, 178) }
```

Border

The CSS property to change the border of an element to YIQ 130.7630, 24.3380, 43.5220 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(181, 96, 178) }
```


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

```
.border{ border-color:rgb(181, 96, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 96, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 96, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 96, 178);  
box-shadow:4px 4px 4px 4px rgb(181, 96,  
178) }
```

Background

The CSS property to change the background color of an element to YIQ 130.7630, 24.3380, 43.5220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 96, 178) }
```

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

```
.background{ background-color: rgb(181, 96,  
178) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor