

Converting Colors

YIQ(145.2200, 30.4810, 47.8330)

Have a look what the booklet for
YIQ(145.2200, 30.4810, 47.8330)
contains.

YIQ(145.2200, 30.4810, 47.8330)	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(145.2200, 30.4810,
47.8330)**

Conversions

Conversions Part 1

Format	Color
Hex	CC6AC1
RGB	204, 106, 193
RGB Percent	80%, 42%, 76%
CMY	0.1997, 0.5845, 0.2431
CMYK	0.00, 0.48, 0.05, 0.20
HSL	307°, 49%, 61%
HSV	307°, 48%, 80%
XYZ	39.6989, 26.9982, 53.5789
YIQ	145.2200, 30.4810, 47.8330

Conversions

Conversions Part 2

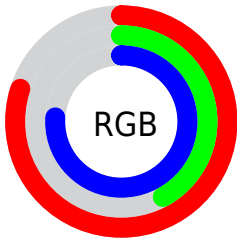
Format	Color
R_{YB}	204, 106, 193
Decimal	13396673
CIE _{Lab}	58.97, 50.59, -28.63
CIE _{LCh}	59, 58.135, 330.492
Yxy	26.9982, 0.3301, 0.2245
Android (android.graphics.Color)	4291586753 (0xFFCC6AC1)
YUV	145.2200, 23.5555, 51.5501
Hunter-Lab	51.9598, 45.4499, -24.7656

Details

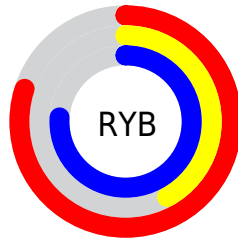
The YIQ color $145.2200, 30.4810, 47.8330$ is a light color, and the websafe version is hex $CC66CC$. A complement of this color would be $164.7800, -30.4810, -47.8330$, and the grayscale version is $145.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $198.6650, 27.7300, 48.1300$, and $91.2090, 29.0140, 46.8860$ is the 20% darker color. If you saturate the color by 10%, you get $133.2520, 36.6230, 57.6710$, and if you desaturate by 10%, it is $157.1880, 24.3390, 37.9950$.

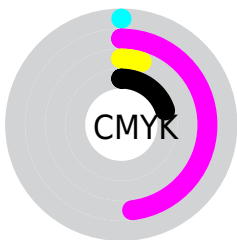
Distribution



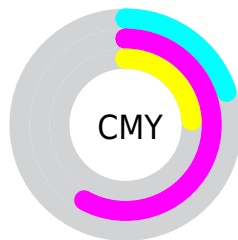
- Red (80%)
- Green (42%)
- Blue (76%)



- Red (80%)
- Yellow (42%)
- Blue (76%)



- Cyan (0%)
- Magenta (48%)
- Yellow (5%)
- Black (20%)



- Cyan (20%)
- Magenta (58%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 145.2200, 30.4810, 47.8330 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 145.2200, 30.4810, 47.8330 by changing the saturation by 10% instead.

145.2200, 30.4810,
47.8330

145.2200, 30.4810,
47.8330

255.0000, -0.0000,
-0.0000

117.9210, 29.8850,
47.6210

198.6650, 27.7300,
48.1300

91.2090, 29.0140,
46.8860

215.6710, 18.4250,
35.0410

62.2630, 28.9220,
48.5540

232.6940, 10.4500,
19.8740

38.2520, 27.4550,
47.6070

249.7170, 2.4750,
4.7070

27.7420, 19.6630,
34.6310

18.3570, 13.0170,
22.9130

2.2800, -6.4200,

6.2200

■ 0.0000, 0.0000,
0.0000

■ 145.2200, 30.4810,
47.8330

■ 145.2200, 30.4810,
47.8330

■ 133.2520, 36.6230,
57.6710

■ 157.1880, 24.3390,
37.9950

■ 120.5830, 43.3610,
67.7210

■ 169.8570, 17.6010,
27.9450

■ 108.6150, 49.5030,
77.5590

■ 181.8250, 11.4590,
18.1070

■ 96.0600, 55.9200,
87.9200

■ 194.3800, 5.0420,
7.7460

■ 84.0920, 62.0620,
97.7580

■ 206.4620, -1.4210,
-1.7810

81.6300, 63.4830,
99.5390

218.4300, -7.5630,
-11.6190

230.9850,
-13.9800, -21.9800

234.7350,
-16.2720, -24.4960

235.0770,
-17.2350, -23.5630

Harmonies

Analogous

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



144.1130, -23.8020, 34.9020



145.2200, 30.4810, 47.8330



140.2610, 66.7940, 45.0180

Triad

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



145.2200, 30.4810, 47.8330



135.1910, 52.3650, -29.4190



119.3300, -107.2820, -27.1060

Complementary

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



145.2200, 30.4810, 47.8330



164.7800, -30.4810, -47.8330

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.



113.5160, -90.9110, -42.9670



145.2200, 30.4810, 47.8330



130.3260, 12.0200, -41.6440

Square

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



145.2200, 30.4810, 47.8330



138.1470, 74.0010, -3.0150



114.8080, -54.0470, -50.2630



120.1400, -117.8300, -12.1500

Rectangle

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



145.2200, 30.4810, 47.8330



138.7440, 78.0750, 33.2990



114.8080, -54.0470, -50.2630



117.5060, -102.1460, -32.0820

Sweetspot

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



145.2200, 30.4810, 47.8330



233.4120, 11.1840, 17.5840



120.1620, -25.4980, 32.5980



114.7440, 7.0130, 10.5730



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.



145.2200, 30.4810, 47.8330



166.1860, 46.1570, 72.1170



139.7480, 45.8890, 32.9050



96.0160, 3.0710, 4.9190



66.3920, 51.7490, 80.9090



15.2380, 11.7340, 18.6300

Inverse Universe

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



145.2200, 30.4810, 47.8330



166.1860, 46.1570, 72.1170



170.2520, -45.8890, -32.9050



96.0160, 3.0710, 4.9190



66.3920, 51.7490, 80.9090



15.2380, 11.7340, 18.6300

Previews

White Background



This preview shows how the YIQ color 145.2200, 30.4810, 47.8330 looks on a white background.

Color Contrast Check

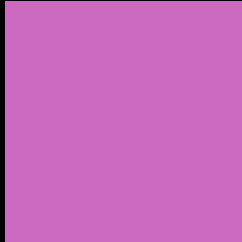
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.2200, 30.4810, 47.8330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

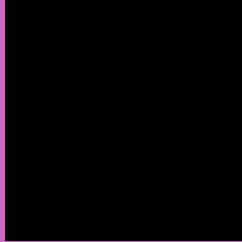
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 145.2200, 30.4810, 47.8330

Background



This preview shows how black text looks on a background with the YIQ color 145.2200, 30.4810, 47.8330.



This preview shows how white text looks on a background with the YIQ color 145.2200, 30.4810,

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

145.2200, 30.4810, 47.8330

Protanopia

141.0470, -41.7720, 19.1560

Deuteranopia

142.9660, -19.8550, 12.9210



Tritanopia

144.0490, 43.0030, 19.1230

Trichromacy



Original Color

145.2200, 30.4810, 47.8330



Protanomaly

142.7300, -15.5940, 29.3180



Deuteranomaly

143.9240, -1.7010, 25.3310



Tritanomaly

144.6330, 38.7830, 29.5270

Monochromacy



Original Color

145.2200, 30.4810, 47.8330



Achromatopsia

145.0000, 0.0000, -0.0000



Achromatomaly

144.9990, 10.9090, 17.0610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.2200, 30.4810, 47.8330 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(204, 106, 193)` looks like.

```
.text, #text, p{  
    color:rgb(204, 106, 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(204, 106, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 106, 193) }
```

Border

The CSS property to change the border of an element to YIQ 145.2200, 30.4810, 47.8330 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(204, 106, 193) }
```


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

```
.border{ border-color:rgb(204, 106, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 106, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 106, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 106, 193);  
box-shadow:4px 4px 4px 4px rgb(204, 106,  
193) }
```

Background

The CSS property to change the background color of an element to YIQ 145.2200, 30.4810, 47.8330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 106, 193) }
```

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

```
.background{ background-color: rgb(204,  
106, 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](#).

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