

Converting Colors

YIQ(146.6330, 30.7560, 48.3560)

Have a look what the booklet for
YIQ(146.6330, 30.7560, 48.3560)
contains.

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Color

**YIQ(146.6330, 30.7560,
48.3560)**

Conversions

Conversions Part 1

Format	Color
Hex	CE6BC3
RGB	206, 107, 195
RGB Percent	81%, 42%, 76%
CMY	0.1919, 0.5805, 0.2352
CMYK	0.00, 0.48, 0.05, 0.19
HSL	307°, 50%, 61%
HSV	307°, 48%, 81%
XYZ	40.5794, 27.5799, 54.8226
YIQ	146.6330, 30.7560, 48.3560

Conversions

Conversions Part 2

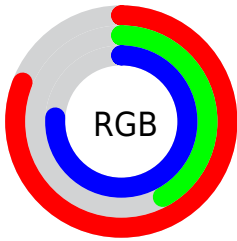
Format	Color
R _Y B	206, 107, 195
Decimal	13528003
CIE Lab	59.51, 51.03, -28.92
CIE LCh	60, 58.660, 330.456
Yxy	27.5799, 0.3300, 0.2243
Android (android.graphics.Color)	4291718083 (0xFFCE6BC3)
YUV	146.6330, 23.8449, 52.0649
Hunter-Lab	52.5166, 46.0224, -25.1318

Details

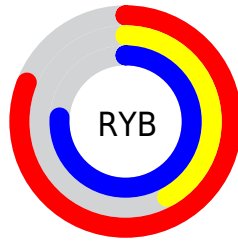
The YIQ color $146.6330, 30.7560, 48.3560$ is a light color, and the websafe version is hex $CC66CC$. A complement of this color would be $166.3670, -30.7560, -48.3560$, and the grayscale version is $146.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $199.4800, 26.8130, 48.2290$, and $92.3230, 28.6930, 47.1970$ is the 20% darker color. If you saturate the color by 10%, you get $134.0780, 37.1730, 58.7170$, and if you desaturate by 10%, it is $159.1880, 24.3390, 37.9950$.

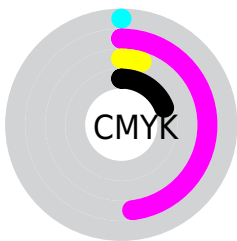
Distribution



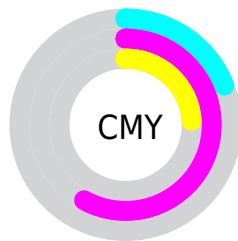
- Red (81%)
- Green (42%)
- Blue (76%)



- Red (81%)
- Yellow (42%)
- Blue (76%)



- Cyan (0%)
- Magenta (48%)
- Yellow (5%)
- Black (19%)



- Cyan (19%)
- Magenta (58%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 146.6330, 30.7560, 48.3560 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 146.6330, 30.7560, 48.3560 by changing the saturation by 10% instead.

146.6330, 30.7560,
48.3560

146.6330, 30.7560,
48.3560

255.0000, -0.0000,
-0.0000

119.3340, 30.1600,
48.1440

199.4800, 26.8130,
48.2290

92.0350, 29.5640,
47.9320

216.2580, 18.1500,
34.5180

63.6760, 29.1970,
49.0770

233.2810, 10.1750,
19.3510

38.6650, 27.7300,
48.1300

250.3040, 2.2000,
4.1840

28.2690, 19.6170,
35.4650

19.0690, 13.8880,
23.6480

3.4050, -5.2740,

7.4780

■ 0.0000, 0.0000,
0.0000

■ 146.6330, 30.7560,
48.3560

■ 146.6330, 30.7560,
48.3560

■ 134.0780, 37.1730,
58.7170

■ 159.1880, 24.3390,
37.9950

■ 121.9960, 43.6360,
68.2440

■ 171.2700, 17.8760,
28.4680

■ 109.4410, 50.0530,
78.6050

■ 183.8250, 11.4590,
18.1070

■ 97.4730, 56.1950,
88.4430

■ 195.7930, 5.3170,
8.2690

■ 84.9180, 62.6120,
98.8040

■ 208.4620, -1.4210,
-1.7810

■ 82.4560, 64.0330,
100.5850

■ 221.0170, -7.8380,
-12.1420

■ 232.9850,
-13.9800, -21.9800

■ 235.5610,
-15.7220, -23.4500

■ 235.9030,
-16.6850, -22.5170

Harmonies

Analogous

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



145.3410, -24.4440, 35.5240



146.6330, 30.7560, 48.3560



141.6740, 67.0690, 45.5410

Triad

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



146.6330, 30.7560, 48.3560



136.3760, 53.2820, -29.5180



120.1450, -108.1990, -27.0070

Complementary

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



146.6330, 30.7560, 48.3560



166.3670, -30.7560, -48.3560

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.



114.9180, -92.1030, -43.3910



146.6330, 30.7560, 48.3560



131.2120, 12.3410, -41.9550

Square

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



146.6330, 30.7560, 48.3560



139.4460, 74.5970, -2.8030



116.3950, -54.3220, -50.7860



121.6560, -119.3430, -12.2630

Rectangle

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



146.6330, 30.7560, 48.3560



140.3420, 79.2670, 33.7230



116.3950, -54.3220, -50.7860



118.9080, -103.3380, -32.5060

Sweetspot

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



146.6330, 30.7560, 48.3560



233.4120, 11.1840, 17.5840



121.2760, -25.8190, 32.9090



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.



146.6330, 30.7560, 48.3560



166.1860, 46.1570, 72.1170



141.1610, 46.1640, 33.4280



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.



146.6330, 30.7560, 48.3560



166.1860, 46.1570, 72.1170



171.8390, -46.1640, -33.4280



96.0160, 3.0710, 4.9190



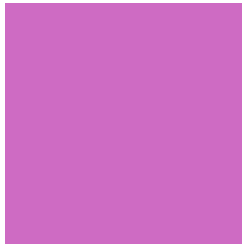
66.3920, 51.7490, 80.9090



15.2380, 11.7340, 18.6300

Previews

White Background



This preview shows how the YIQ color 146.6330, 30.7560, 48.3560 looks on a white background.

Color Contrast Check

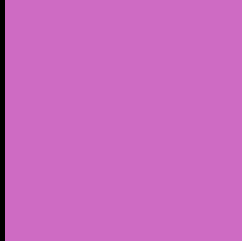
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.6330, 30.7560, 48.3560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

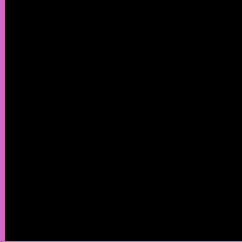
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 146.6330, 30.7560, 48.3560

Background



This preview shows how black text looks on a background with the YIQ color 146.6330, 30.7560, 48.3560.



This preview shows how white text looks on a background with the YIQ color 146.6330, 30.7560,

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

146.6330, 30.7560, 48.3560

Protanopia

142.1610, -42.0930, 19.4670

Deuteranopia

144.0800, -20.1760, 13.2320



Tritanopia

145.7500, 42.4070, 18.9110

Trichromacy



Original Color

146.6330, 30.7560, 48.3560



Protanomaly

143.8440, -15.9150, 29.6290



Deuteranomaly

145.3370, -1.4260, 25.8540



Tritanomaly

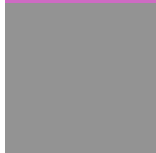
146.3340, 38.1870, 29.3150

Monochromacy



Original Color

146.6330, 30.7560, 48.3560



Achromatopsia

147.0000, -0.0000, 0.0000



Achromatomaly

146.4120, 11.1840, 17.5840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.6330, 30.7560, 48.3560 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(206, 107, 195)` looks like.

```
.text, #text, p{  
    color:rgb(206, 107, 195)  
}
```

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(206, 107, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 107, 195) }
```

Border

The CSS property to change the border of an element to YIQ 146.6330, 30.7560, 48.3560 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(206, 107, 195) }
```


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

```
.border{ border-color:rgb(206, 107, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 107, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 107, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 107, 195);  
box-shadow:4px 4px 4px 4px rgb(206, 107,  
195) }
```

Background

The CSS property to change the background color of an element to YIQ 146.6330, 30.7560, 48.3560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 107, 195) }
```

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

```
.background{ background-color: rgb(206,  
107, 195) }
```

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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