

Converting Colors

YIQ(140.6580, 54.8300, 30.5580)

Have a look what the booklet for
YIQ(140.6580, 54.8300, 30.5580)
contains.

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Color

**YIQ(140.6580, 54.8300,
30.5580)**

Conversions

Conversions Part 1

Format	Color
Hex	D46A84
RGB	212, 106, 132
RGB Percent	83%, 42%, 52%
CMY	0.1684, 0.5845, 0.4822
CMYK	0.00, 0.50, 0.38, 0.17
HSL	345°, 55%, 62%
HSV	345°, 50%, 83%
XYZ	36.4889, 25.9734, 24.9381
YIQ	140.6580, 54.8300, 30.5580

Conversions

Conversions Part 2

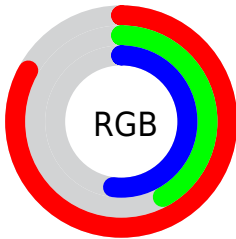
Format	Color
RYB	212, 106, 132
Decimal	13920900
CIELab	58.01, 44.38, 5.24
CIELCh	58, 44.685, 6.734
Yxy	25.9734, 0.4175, 0.2972
Android (android.graphics.Color)	4292110980 (0xFFD46A84)
YUV	140.6580, -4.2684, 62.5669
Hunter-Lab	50.9642, 38.6136, 6.6628

Details

The YIQ color **140.6580, 54.8300, 30.5580** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **177.3420, -54.8300, -30.5580**, and the grayscale version is **141.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **191.2550, 48.5950, 27.9150**, and **87.2060, 50.2910, 30.2190** is the 20% darker color. If you saturate the color by 10%, you get **126.5070, 65.7410, 36.5650**, and if you desaturate by 10%, it is **154.8090, 43.9190, 24.5510**.

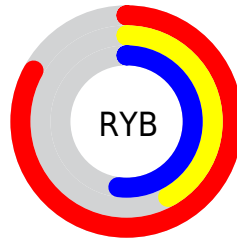
Distribution



Red (83%)

Green (42%)

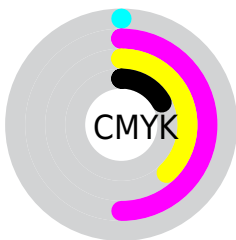
Blue (52%)



Red (83%)

Yellow (42%)

Blue (52%)

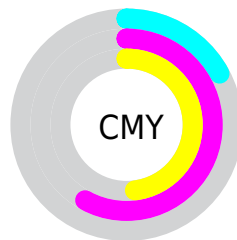


Cyan (0%)

Magenta (50%)

Yellow (38%)

Black (17%)



Cyan (17%)


Magenta (58%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 140.6580, 54.8300, 30.5580 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 140.6580, 54.8300, 30.5580 by changing the saturation by 10% instead.


 140.6580, 54.8300,
30.5580


 140.6580, 54.8300,
30.5580


255.0000, -0.0000,
-0.0000


 113.8750, 52.7210,
30.2330


 191.2550, 48.5950,
27.9150


 87.2060, 50.2910,
30.2190


 210.8830, 31.9070,
21.9790


 59.1890, 48.9610,
32.2970

 230.5110, 15.2190,
16.0430

 33.6340, 46.2100,
32.5940

 249.1300, 2.7500,
5.2300

 23.2810, 36.5380,
20.6500

 14.2810, 27.3700,
10.5860

 0.0000, 0.0000,

0.0000

■ 140.6580, 54.8300,
30.5580

■ 140.6580, 54.8300,
30.5580

■ 126.5070, 65.7410,
36.5650

■ 154.8090, 43.9190,
24.5510

■ 112.3560, 76.6520,
42.5720

■ 168.9600, 33.0080,
18.5440

■ 97.6180, 87.8380,
49.1020

■ 183.6980, 21.8220,
12.0140

■ 83.4670, 98.7490,
55.1090

■ 197.8490, 10.9110,
6.0070

■ 69.3160, 109.6600,
61.1160

■ 212.0000, -0.0000,
-0.0000

■ 226.1510,
-10.9110, -6.0070

■ 240.3020,
-21.8220, -12.0140

■ 242.1430,
-25.6280, -9.1160

Harmonies

Analogous

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



143.5430, 30.5290, 35.9450



140.6580, 54.8300, 30.5580



139.3530, 62.3980, 14.5420

Triad

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



140.6580, 54.8300, 30.5580



130.5610, 1.4730, -32.2150



113.2780, -109.5310, -13.8750

Complementary

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



140.6580, 54.8300, 30.5580



177.3420, -54.8300, -30.5580

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.



113.8360, -102.8350, -25.0990



140.6580, 54.8300, 30.5580



121.1010, -44.1460, -36.9620

Square

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



140.6580, 54.8300, 30.5580



134.9520, 34.3450, -22.2230



110.0910, -90.9120, -37.4400



133.5180, -56.5800, 12.1880

Rectangle

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



140.6580, 54.8300, 30.5580



138.1810, 59.4660, 1.5940



110.0910, -90.9120, -37.4400



113.6540, -107.8340, -17.0980

Sweetspot

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



140.6580, 54.8300, 30.5580



229.3880, 19.7590, 10.8550



142.0040, 13.6540, 49.9260



112.4470, 12.1030, 6.4310



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.



140.6580, 54.8300, 30.5580



152.0790, 78.9900, 44.2540



152.9560, 56.0260, 8.8740



99.6310, 5.5930, 3.2650



55.9170, 88.4340, 49.3140



14.1110, 22.0970, 12.5370

Inverse Universe

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



140.6580, 54.8300, 30.5580



152.0790, 78.9900, 44.2540



165.0440, -56.0260, -8.8740



99.6310, 5.5930, 3.2650



55.9170, 88.4340, 49.3140



14.1110, 22.0970, 12.5370

Previews

White Background



This preview shows how the YIQ color 140.6580, 54.8300, 30.5580 looks on a white background.

Color Contrast Check

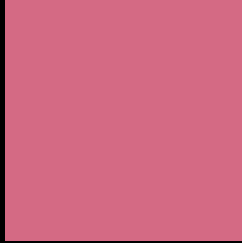
Large Text (above 18pt) WCAG AA ✓ Pass

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 140.6580, 54.8300, 30.5580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

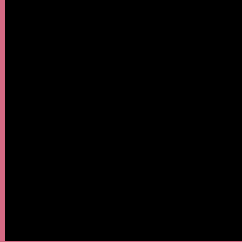
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 140.6580, 54.8300, 30.5580

Background



This preview shows how black text looks on a background with the YIQ color 140.6580, 54.8300, 30.5580.



This preview shows how white text looks on a background with the YIQ color 140.6580, 54.8300,

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

140.6580, 54.8300, 30.5580

Protanopia

140.3680, -3.8520, 3.7320

Deuteranopia

140.9650, 16.2760, 2.3880



Tritanopia

140.2960, 58.5450, 23.8010

Trichromacy



Original Color

140.6580, 54.8300, 30.5580

Protanomaly

140.5990, 17.7870, 13.5550

Deuteranomaly

140.7160, 30.5790, 13.0030

Tritanomaly

140.3930, 56.8940, 26.1900

Monochromacy



Original Color

140.6580, 54.8300, 30.5580

Achromatopsia

141.0000, -0.0000, -0.0000

Achromatomaly

140.8010, 20.0340, 11.3780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 140.6580, 54.8300, 30.5580 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(212, 106, 132)` looks like.

```
.text, #text, p{  
    color:rgb(212, 106, 132)  
}
```

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(212, 106, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 106, 132) }
```

Border

The CSS property to change the border of an element to YIQ 140.6580, 54.8300, 30.5580 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(212, 106, 132) }
```


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

```
.border{ border-color:rgb(212, 106, 132) }
```

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

Here you see how a box with a 4 pixel rgb(212, 106, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 106, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 106, 132);  
box-shadow:4px 4px 4px 4px rgb(212, 106,  
132) }
```

Background

The CSS property to change the background color of an element to YIQ 140.6580, 54.8300, 30.5580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 106, 132) }
```

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

```
.background{ background-color: rgb(212,  
106, 132) }
```

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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