

Converting Colors

YIQ(146.3700, 55.7010, 31.2930)

Have a look what the booklet for
YIQ(146.3700, 55.7010, 31.2930)
contains.

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Color

**YIQ(146.3700, 55.7010,
31.2930)**

Conversions

Conversions Part 1

Format	Color
Hex	DB6F8A
RGB	219, 111, 138
RGB Percent	86%, 44%, 54%
CMY	0.1409, 0.5649, 0.4586
CMYK	0.00, 0.49, 0.37, 0.14
HSL	345°, 60%, 65%
HSV	345°, 49%, 86%
XYZ	39.5051, 28.2663, 27.4379
YIQ	146.3700, 55.7010, 31.2930

Conversions

Conversions Part 2

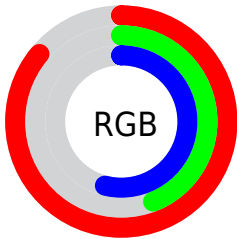
Format	Color
R_{YB}	219, 111, 138
Decimal	14380938
CIE _{Lab}	60.13, 45.00, 4.93
CIE _{LCh}	60, 45.271, 6.252
Yxy	28.2663, 0.4149, 0.2969
Android (android.graphics.Color)	4292571018 (0xFFDB6F8A)
YUV	146.3700, -4.1264, 63.6965
Hunter-Lab	53.1661, 39.5937, 6.6179

Details

The YIQ color **146.3700, 55.7010, 31.2930** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **183.6300, -55.7010, -31.2930**, and the grayscale version is **146.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **194.8740, 45.2940, 27.1660**, and **92.2170, 51.7580, 31.1660** is the 20% darker color. If you saturate the color by 10%, you get **131.6320, 66.8870, 37.8230**, and if you desaturate by 10%, it is **161.1080, 44.5150, 24.7630**.

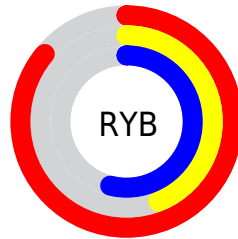
Distribution



Red (86%)

Green (44%)

Blue (54%)



Red (86%)

Yellow (44%)

Blue (54%)

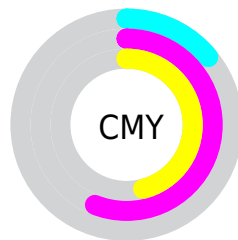


Cyan (0%)

Magenta (49%)

Yellow (37%)

Black (14%)



Cyan (14%)

Magenta (56%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 146.3700, 55.7010, 31.2930 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 146.3700, 55.7010, 31.2930 by changing the saturation by 10% instead.

■ 146.3700, 55.7010,
31.2930

■ 146.3700, 55.7010,
31.2930

255.0000, -0.0000,
-0.0000

■ 119.5870, 53.5920,
30.9680

■ 194.8740, 45.2940,
27.1660

■ 92.2170, 51.7580,
31.1660

■ 214.5020, 28.6060,
21.2300

■ 65.0750, 49.2820,
31.9860

■ 234.8310, 11.3220,
15.0820

■ 36.2970, 48.7770,
35.6330

■ 252.6520, 1.1000,
2.0920

■ 25.6450, 38.5090,
23.4770

■ 16.3740, 31.5420,
12.0700

■ 1.7940, 3.5760,

1.2720

■ 0.0000, 0.0000,
0.0000

■ 146.3700, 55.7010,
31.2930

■ 146.3700, 55.7010,
31.2930

■ 131.6320, 66.8870,
37.8230

■ 161.1080, 44.5150,
24.7630

■ 116.7800, 78.3940,
44.0420

■ 175.9600, 33.0080,
18.5440

■ 102.0420, 89.5800,
50.5720

■ 190.6980, 21.8220,
12.0140

■ 87.1900, 101.0870,
56.7910

■ 205.5500, 10.3150,
5.7950

■ 72.4520, 112.2730,
63.3210

■ 219.7010, -0.5960,
-0.2120

■ 71.7510, 112.8690,
63.5330

■ 234.5530,
-12.1030, -6.4310

■ 244.0080,
-20.8140, -8.2540

■ 244.2360,
-21.4560, -7.6320

Harmonies

Analogous

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



149.0700, 30.4830, 36.7790



146.3700, 55.7010, 31.2930



144.3640, 63.8650, 15.4890

Triad

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



146.3700, 55.7010, 31.2930



135.7460, 2.3900, -32.3140



117.4840, -113.1070, -15.1470

Complementary

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



146.3700, 55.7010, 31.2930



183.6300, -55.7010, -31.2930

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.



118.0420, -106.4110, -26.3710



146.3700, 55.7010, 31.2930



126.8730, -43.5040, -37.5840

Square

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



146.3700, 55.7010, 31.2930



140.1370, 35.2620, -22.3220



114.1830, -94.1670, -39.0230



138.4470, -57.8180, 12.5980

Rectangle

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



146.3700, 55.7010, 31.2930



143.6650, 60.9790, 1.7070



114.1830, -94.1670, -39.0230



117.8600, -111.4100, -18.3700

Sweetspot

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



146.3700, 55.7010, 31.2930



229.3880, 19.7590, 10.8550



146.9330, 12.4160, 50.3360



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.



146.3700, 55.7010, 31.2930



154.0680, 77.5230, 43.3070



157.9670, 57.4930, 9.8210



102.5170, 5.9140, 2.9540



56.6290, 89.3050, 50.0490



15.1220, 23.5640, 13.4840

Inverse Universe

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



146.3700, 55.7010, 31.2930



154.0680, 77.5230, 43.3070



172.0330, -57.4930, -9.8210



102.5170, 5.9140, 2.9540



56.6290, 89.3050, 50.0490



15.1220, 23.5640, 13.4840

Previews

White Background



This preview shows how the YIQ color 146.3700, 55.7010, 31.2930 looks on a white background.

Color Contrast Check

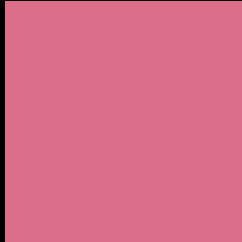
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.3700, 55.7010, 31.2930 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 146.3700, 55.7010, 31.2930

Background



This preview shows how black text looks on a background with the YIQ color 146.3700, 55.7010, 31.2930.



This preview shows how white text looks on a background with the YIQ color 146.3700, 55.7010,

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

146.3700, 55.7010, 31.2930

Protanopia

145.7810, -3.5770, 4.2550

Deuteranopia

146.3780, 16.5510, 2.9110



Tritanopia

146.0080, 59.4160, 24.5360

Trichromacy



Original Color

146.3700, 55.7010, 31.2930

Protanomaly

146.0120, 18.0620, 14.0780

Deuteranomaly

146.1290, 30.8540, 13.5260

Tritanomaly

146.1050, 57.7650, 26.9250

Monochromacy



Original Color

146.3700, 55.7010, 31.2930

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

146.1000, 20.6300, 11.5900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.3700, 55.7010, 31.2930 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(219, 111, 138)` looks like.

```
.text, #text, p{  
    color:rgb(219, 111, 138)  
}
```

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(219, 111, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 111, 138) }
```

Border

The CSS property to change the border of an element to YIQ 146.3700, 55.7010, 31.2930 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(219, 111, 138) }
```


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

```
.border{ border-color:rgb(219, 111, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 111, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 111, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 111, 138);  
box-shadow:4px 4px 4px 4px rgb(219, 111,  
138) }
```

Background

The CSS property to change the background color of an element to YIQ 146.3700, 55.7010, 31.2930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 111, 138) }
```

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

```
.background{ background-color: rgb(219,  
111, 138) }
```

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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