

Converting Colors

YIQ(137.2690, 55.1480, 46.8280)

Have a look what the booklet for
YIQ(137.2690, 55.1480, 46.8280)
contains.

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Color

**YIQ(137.2690, 55.1480,
46.8280)**

Conversions

Conversions Part 1

Format	Color
Hex	DB5C9C
RGB	219, 92, 156
RGB Percent	86%, 36%, 61%
CMY	0.1408, 0.6394, 0.3881
CMYK	0.00, 0.58, 0.29, 0.14
HSL	330°, 64%, 61%
HSV	330°, 58%, 86%
XYZ	39.0666, 25.1204, 34.2614
YIQ	137.2690, 55.1480, 46.8280

Conversions

Conversions Part 2

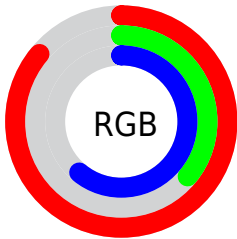
Format	Color
R _Y B	219, 92, 156
Decimal	14376092
CIE Lab	57.19, 56.27, -9.84
CIE LCh	57, 57.125, 350.082
Yxy	25.1204, 0.3968, 0.2552
Android (android.graphics.Color)	4292566172 (0xFFDB5C9C)
YUV	137.2690, 9.2344, 71.6781
Hunter-Lab	50.1203, 51.4226, -5.4454

Details

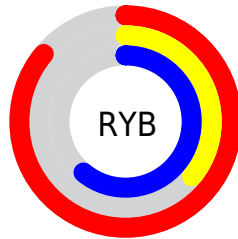
The YIQ color **137.2690, 55.1480, 46.8280** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **173.7310, -55.1480, -46.8280**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **186.4740, 44.1450, 42.4890**, and **79.4800, 53.1760, 49.5280** is the 20% darker color. If you saturate the color by 10%, you get **123.1010, 64.7290, 54.9130**, and if you desaturate by 10%, it is **151.4370, 45.5670, 38.7430**.

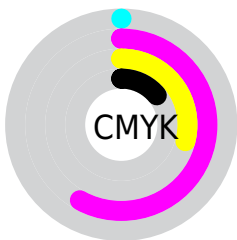
Distribution



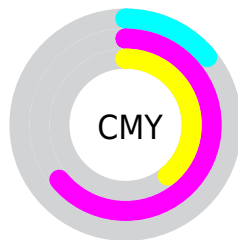
- Red (86%)
- Green (36%)
- Blue (61%)



- Red (86%)
- Yellow (36%)
- Blue (61%)



- Cyan (0%)
- Magenta (58%)
- Yellow (29%)
- Black (14%)





- Cyan (14%)
- Magenta (64%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 137.2690, 55.1480, 46.8280 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 137.2690, 55.1480, 46.8280 by changing the saturation by 10% instead.


 137.2690, 55.1480,
46.8280


 137.2690, 55.1480,
46.8280


255.0000, -0.0000,
-0.0000


 109.1980, 53.9100,
47.2380


 186.5880, 43.8240,
42.8000


 79.4800, 53.1760,
49.5280


 206.2160, 27.1360,
36.8640


 48.7020, 52.6710,
53.1750

 225.0630, 14.0250,
26.6730

 37.7080, 43.3660,
40.0860

 242.0860, 6.0500,
11.5060

 27.1270, 34.3360,
27.5200

 17.1440, 26.4980,
15.3780

 0.8970, 1.7880,

0.6360

■ 0.0000, 0.0000,
0.0000

■ 137.2690, 55.1480,
46.8280

■ 137.2690, 55.1480,
46.8280

■ 123.1010, 64.7290,
54.9130

■ 151.4370, 45.5670,
38.7430

■ 108.9330, 74.3100,
62.9980

■ 165.6050, 35.9860,
30.6580

■ 94.7650, 83.8910,
71.0830

■ 179.7730, 26.4050,
22.5730

■ 80.7110, 93.1510,
79.4790

■ 193.9410, 16.8240,
14.4880

■ 78.0210, 95.2140,
80.6380

■ 207.4080, 7.8390,
6.6150

■ 221.5760, -1.7420,
-1.4700

■ 235.7440,
-11.3230, -9.5550

■ 242.8680,
-17.6040, -11.3640

■ 244.1220,
-21.1350, -7.9430

Harmonies

Analogous

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



141.1300, 13.0590, 44.1870



137.2690, 55.1480, 46.8280



133.9610, 75.9660, 32.9740

Triad

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



137.2690, 55.1480, 46.8280



127.9320, 27.9290, -38.1110



116.4410, -111.5480, -15.8680

Complementary

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



137.2690, 55.1480, 46.8280



173.7310, -55.1480, -46.8280

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.



113.8870, -98.8450, -31.3330



137.2690, 55.1480, 46.8280



119.5960, -23.9710, -44.6670

Square

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



137.2690, 55.1480, 46.8280



131.9520, 60.7080, -20.9240



107.3720, -81.8780, -46.9820



113.7800, -116.4560, -4.0080

Rectangle

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



137.2690, 55.1480, 46.8280



133.9050, 78.3990, 16.4070



107.3720, -81.8780, -46.9820



116.1330, -107.9250, -20.9570

Sweetspot

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



137.2690, 55.1480, 46.8280



227.3650, 18.5660, 15.9580



124.7170, -4.4110, 52.4290



111.2560, 11.3230, 9.5550



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.



137.2690, 55.1480, 46.8280



140.3680, 77.5190, 65.4150



130.2010, 75.0500, 27.5460



102.8590, 4.9510, 3.8870



61.6450, 75.1810, 63.7330



16.3760, 20.0330, 16.9050

Inverse Universe

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



137.2690, 55.1480, 46.8280



140.3680, 77.5190, 65.4150



180.7990, -75.0500, -27.5460



102.8590, 4.9510, 3.8870



61.6450, 75.1810, 63.7330



16.3760, 20.0330, 16.9050

Previews

White Background



This preview shows how the YIQ color 137.2690, 55.1480, 46.8280 looks on a white background.

Color Contrast Check

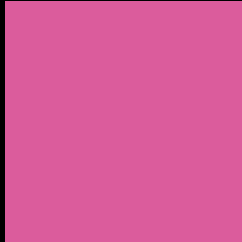
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.2690, 55.1480, 46.8280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

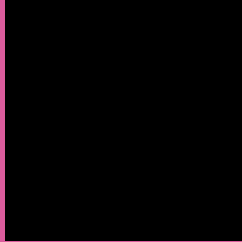
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 137.2690, 55.1480, 46.8280

Background



This preview shows how black text looks on a background with the YIQ color 137.2690, 55.1480, 46.8280.



This preview shows how white text looks on a background with the YIQ color 137.2690, 55.1480,

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

137.2690, 55.1480, 46.8280

Protanopia

137.8130, -23.7980, 12.7940

Deuteranopia

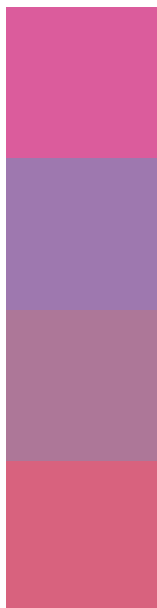
139.2980, 2.3370, 7.2090



Tritanopia

136.5850, 65.1010, 26.1330

Trichromacy



Original Color

137.2690, 55.1480, 46.8280

Protanomaly

137.6320, 4.9930, 25.1610

Deuteranomaly

138.9080, 21.5910, 21.7110

Tritanomaly

136.4740, 61.3400, 33.7240

Monochromacy



Original Color

137.2690, 55.1480, 46.8280

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

137.3760, 20.0330, 16.9050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.2690, 55.1480, 46.8280 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, 92, 156)` looks like.

```
.text, #text, p{  
    color:rgb(219, 92, 156)  
}
```

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, 92, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 92, 156) }
```

Border

The CSS property to change the border of an element to YIQ 137.2690, 55.1480, 46.8280 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, 92, 156) }
```


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

```
.border{ border-color:rgb(219, 92, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 92, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 92, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 92, 156);  
box-shadow:4px 4px 4px 4px rgb(219, 92,  
156) }
```

Background

The CSS property to change the background color of an element to YIQ 137.2690, 55.1480, 46.8280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 92, 156) }
```

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

```
.background{ background-color: rgb(219, 92,  
156) }
```

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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