

Converting Colors

YIQ(140.9230, 52.7660, 34.9260)

Have a look what the booklet for
YIQ(140.9230, 52.7660, 34.9260)
contains.

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Color

**YIQ(140.9230, 52.7660,
34.9260)**

Conversions

Conversions Part 1

Format	Color
Hex	D5688E
RGB	213, 104, 142
RGB Percent	84%, 41%, 56%
CMY	0.1644, 0.5923, 0.4430
CMYK	0.00, 0.51, 0.33, 0.16
HSL	339°, 57%, 62%
HSV	339°, 51%, 84%
XYZ	37.2932, 26.0027, 28.6627
YIQ	140.9230, 52.7660, 34.9260

Conversions

Conversions Part 2

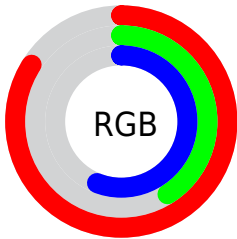
Format	Color
R _Y B	213, 104, 142
Decimal	13985934
CIE Lab	58.04, 46.91, -0.52
CIE LCh	58, 46.911, 359.360
Yxy	26.0027, 0.4055, 0.2828
Android (android.graphics.Color)	4292176014 (0xFFD5688E)
YUV	140.9230, 0.5310, 63.2115
Hunter-Lab	50.9929, 41.3068, 2.3685

Details

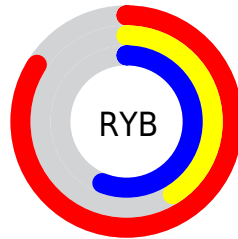
The YIQ color **140.9230, 52.7660, 34.9260** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **176.0770, -52.7660, -34.9260**, and the grayscale version is **141.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **191.3350, 45.6140, 32.3820**, and **86.7700, 48.8230, 34.7990** is the 20% darker color. If you saturate the color by 10%, you get **127.0000, 63.0350, 41.5550**, and if you desaturate by 10%, it is **154.8460, 42.4970, 28.2970**.

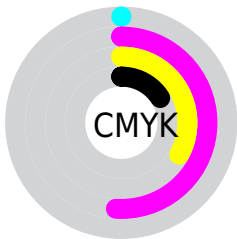
Distribution



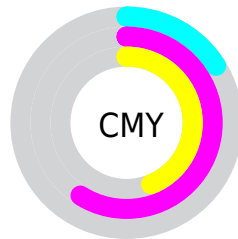
- Red (84%)
- Green (41%)
- Blue (56%)



- Red (84%)
- Yellow (41%)
- Blue (56%)



- Cyan (0%)
- Magenta (51%)
- Yellow (33%)
- Black (16%)




- Cyan (16%)
- Magenta (59%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 140.9230, 52.7660, 34.9260 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 140.9230, 52.7660, 34.9260 by changing the saturation by 10% instead.


 140.9230, 52.7660,
34.9260


 140.9230, 52.7660,
34.9260


255.0000, -0.0000,
-0.0000


 114.1400, 50.6570,
34.6010


 191.3350, 45.6140,
32.3820


 86.7700, 48.8230,
34.7990


 210.9630, 28.9260,
26.4460


 58.1660, 47.7680,
37.4000

 230.5910, 12.2380,
20.5100

 34.8450, 44.2380,
35.2940

 247.9560, 3.3000,
6.2760

 24.4920, 34.5660,
23.3500

 14.8790, 28.5620,
11.0100

 0.0000, 0.0000,

0.0000

■ 140.9230, 52.7660,
34.9260

■ 140.9230, 52.7660,
34.9260

■ 127.0000, 63.0350,
41.5550

■ 154.8460, 42.4970,
28.2970

■ 112.4900, 73.5790,
48.7070

■ 169.3560, 31.9530,
21.1450

■ 98.5670, 83.8480,
55.3360

■ 183.2790, 21.6840,
14.5160

■ 84.7580, 93.7960,
62.2760

■ 197.2020, 11.4150,
7.8870

■ 72.1230, 103.1940,
68.1700

■ 211.0110, 1.4670,
0.9470

■ 225.5210, -9.0770,
-6.2050

■ 239.4440,
-19.3460, -12.8340

■ 242.2140,
-24.3900, -9.5260

■ 242.4420,
-25.0320, -8.9040

Harmonies

Analogous

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



143.5900, 23.1470, 37.5710



140.9230, 52.7660, 34.9260



139.0100, 65.1020, 20.6060

Triad

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



140.9230, 52.7660, 34.9260



131.2370, 11.1930, -32.1590



114.2240, -109.4390, -15.5430

Complementary

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



140.9230, 52.7660, 34.9260



176.0770, -52.7660, -34.9260

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.



113.7390, -101.1840, -27.4880



140.9230, 52.7660, 34.9260



122.8480, -33.1880, -37.3160

Square

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



140.9230, 52.7660, 34.9260



135.6110, 42.7350, -20.0890



109.5380, -87.9770, -41.0730



125.8680, -78.3570, 4.8670

Rectangle

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



140.9230, 52.7660, 34.9260



138.6810, 64.0500, 6.6260



109.5380, -87.9770, -41.0730



115.0730, -107.6960, -19.6000

Sweetspot

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



140.9230, 52.7660, 34.9260



229.8440, 18.4750, 12.0990



137.6550, 7.3270, 48.9510



112.7890, 11.1400, 7.3640



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.



140.9230, 52.7660, 34.9260



151.9140, 75.3210, 50.1770



145.9830, 60.5640, 14.7400



99.7450, 5.2720, 3.5760



57.9690, 82.6560, 54.9120



14.5670, 20.8130, 13.7810

Inverse Universe

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



140.9230, 52.7660, 34.9260



151.9140, 75.3210, 50.1770



171.0170, -60.5640, -14.7400



99.7450, 5.2720, 3.5760



57.9690, 82.6560, 54.9120



14.5670, 20.8130, 13.7810

Previews

White Background



This preview shows how the YIQ color 140.9230, 52.7660, 34.9260 looks on a white background.

Color Contrast Check

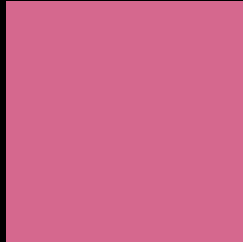
Large Text (above 18pt) WCAG AA ✓ Pass

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 140.9230, 52.7660, 34.9260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

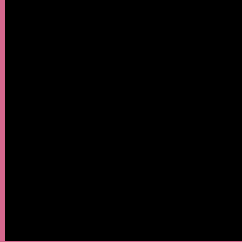
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 140.9230, 52.7660, 34.9260

Background



This preview shows how black text looks on a background with the YIQ color 140.9230, 52.7660, 34.9260.



This preview shows how white text looks on a background with the YIQ color 140.9230, 52.7660,

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

140.9230, 52.7660, 34.9260

Protanopia

140.5400, -10.0880, 6.6160

Deuteranopia

141.2080, 11.2780, 4.8620



Tritanopia

140.4100, 58.2240, 24.1120

Trichromacy



Original Color

140.9230, 52.7660, 34.9260

Protanomaly

140.3690, 12.7430, 16.8630

Deuteranomaly

141.2580, 26.1770, 15.6890

Tritanomaly

140.5610, 56.4810, 28.1690

Monochromacy



Original Color

140.9230, 52.7660, 34.9260

Achromatopsia

141.0000, -0.0000, -0.0000

Achromatomaly

141.1430, 19.0710, 12.3110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 140.9230, 52.7660, 34.9260 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(213, 104, 142)` looks like.

```
.text, #text, p{  
    color:rgb(213, 104, 142)  
}
```

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(213, 104, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 104, 142) }
```

Border

The CSS property to change the border of an element to YIQ 140.9230, 52.7660, 34.9260 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(213, 104, 142) }
```


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

```
.border{ border-color:rgb(213, 104, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 104, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 104, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 104, 142);  
box-shadow:4px 4px 4px 4px rgb(213, 104,  
142) }
```

Background

The CSS property to change the background color of an element to YIQ 140.9230, 52.7660, 34.9260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 104, 142) }
```

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

```
.background{ background-color: rgb(213,  
104, 142) }
```

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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