

Converting Colors

YIQ(141.2300, 41.7160, 36.9480)

Have a look what the booklet for
YIQ(141.2300, 41.7160, 36.9480)
contains.

YIQ(141.2300, 41.7160, 36.9480)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(141.2300, 41.7160,
36.9480)**

Conversions

Conversions Part 1

Format	Color
Hex	CC6A9E
RGB	204, 106, 158
RGB Percent	80%, 42%, 62%
CMY	0.1997, 0.5845, 0.3803
CMYK	0.00, 0.48, 0.23, 0.20
HSL	328°, 49%, 61%
HSV	328°, 48%, 80%
XYZ	36.2445, 25.6163, 35.3963
YIQ	141.2300, 41.7160, 36.9480

Conversions

Conversions Part 2

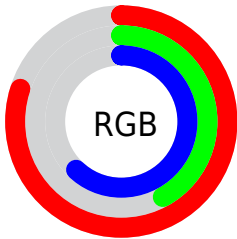
Format	Color
R_{YB}	204, 106, 158
Decimal	13396638
CIE _{Lab}	57.67, 45.03, -10.50
CIE _{LCh}	58, 46.241, 346.875
Yxy	25.6163, 0.3727, 0.2634
Android (android.graphics.Color)	4291586718 (0xFFCC6A9E)
YUV	141.2300, 8.2676, 55.0493
Hunter-Lab	50.6125, 39.2551, -6.0362

Details

The YIQ color **141.2300, 41.7160, 36.9480** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **168.7700, -41.7160, -36.9480**, and the grayscale version is **141.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **194.4470, 39.6070, 36.6230**, and **87.8490, 38.4150, 36.1990** is the 20% darker color. If you saturate the color by 10%, you get **128.3500, 50.4260, 44.2980**, and if you desaturate by 10%, it is **154.1100, 33.0060, 29.5980**.

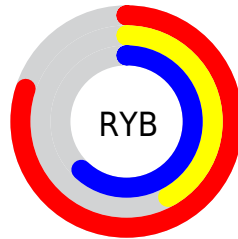
Distribution



Red (80%)

Green (42%)

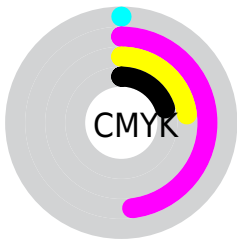
Blue (62%)



Red (80%)

Yellow (42%)

Blue (62%)

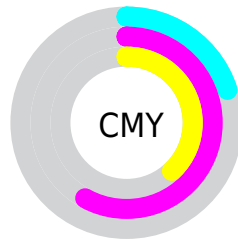


Cyan (0%)

Magenta (48%)

Yellow (23%)

Black (20%)



Cyan (20%)

Magenta (58%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 141.2300, 41.7160, 36.9480 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 141.2300, 41.7160, 36.9480 by changing the saturation by 10% instead.


 141.2300, 41.7160,
36.9480


 141.2300, 41.7160,
36.9480

255.0000, -0.0000,
-0.0000


 114.3330, 39.9280,
36.3120


 194.4470, 39.6070,
36.6230


 87.8490, 38.4150,
36.1990


 214.0750, 22.9190,
30.6870


 60.4900, 38.0480,
37.3440

 232.1070, 10.7250,
20.3970

 34.5330, 36.4890,
38.0650

 249.1300, 2.7500,
5.2300

 24.3650, 27.7340,
26.0220

 14.9800, 21.0880,
14.3040

 0.0000, 0.0000,

0.0000

■ 141.2300, 41.7160,
36.9480

■ 141.2300, 41.7160,
36.9480

■ 128.3500, 50.4260,
44.2980

■ 154.1100, 33.0060,
29.5980

■ 114.9970, 59.0900,
52.4820

■ 167.4630, 24.3420,
21.4140

■ 102.1170, 67.8000,
59.8320

■ 180.3430, 15.6320,
14.0640

■ 88.7640, 76.4640,
68.0160

■ 193.6960, 6.9680,
5.8800

■ 75.8840, 85.1740,
75.3660

■ 206.5760, -1.7420,
-1.4700

■ 73.3080, 86.9160,
76.8360

■ 219.3420,
-10.1310, -9.1310

■ 232.8090,
-19.1160, -17.0040

■ 237.4710,
-23.9760, -17.0320

■ 238.4970,
-26.8650, -14.2330

Harmonies

Analogous

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



142.7990, 6.3210, 34.1370



141.2300, 41.7160, 36.9480



138.9590, 61.1120, 26.8400

Triad

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



141.2300, 41.7160, 36.9480



132.2990, 25.8180, -27.3820



114.0300, -106.1370, -20.3210

Complementary

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



141.2300, 41.7160, 36.9480



168.7700, -41.7160, -36.9480

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.



111.6870, -95.4060, -33.0860



141.2300, 41.7160, 36.9480



126.8520, -12.6480, -35.1120

Square

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



141.2300, 41.7160, 36.9480



135.8450, 51.1240, -12.4280



106.3120, -81.6490, -45.6250



111.6140, -110.3570, -9.9170

Rectangle

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



141.2300, 41.7160, 36.9480



138.1360, 64.5070, 14.8670



106.3120, -81.6490, -45.6250



113.3630, -102.8810, -24.2650

Sweetspot

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



141.2300, 41.7160, 36.9480



231.9300, 15.3570, 13.5410



130.9260, -4.0420, 40.2300



113.8320, 9.5810, 8.0850



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.



141.2300, 41.7160, 36.9480



160.2580, 62.8490, 55.9450



135.6440, 57.4450, 21.7090



95.5600, 4.3550, 3.6750



59.6660, 70.6880, 62.5600



13.6420, 16.2280, 14.2760

Inverse Universe

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



141.2300, 41.7160, 36.9480



160.2580, 62.8490, 55.9450



174.3560, -57.4450, -21.7090



95.5600, 4.3550, 3.6750



59.6660, 70.6880, 62.5600



13.6420, 16.2280, 14.2760

Previews

White Background



This preview shows how the YIQ color 141.2300, 41.7160, 36.9480 looks on a white background.

Color Contrast Check

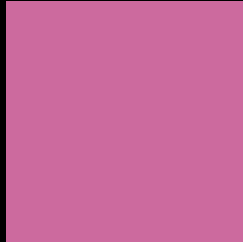
Large Text (above 18pt) WCAG AA ✓ Pass

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 141.2300, 41.7160, 36.9480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

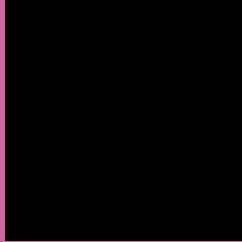
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 141.2300, 41.7160, 36.9480

Background



This preview shows how black text looks on a background with the YIQ color 141.2300, 41.7160, 36.9480.



This preview shows how white text looks on a background with the YIQ color 141.2300, 41.7160,

36.9480.

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

141.2300, 41.7160, 36.9480

Protanopia

139.0970, -18.8460, 11.1540

Deuteranopia

140.3410, 0.7780, 7.9300



Tritanopia

140.0390, 48.9630, 21.2430

Trichromacy



Original Color

141.2300, 41.7160, 36.9480

Protanomaly

140.1000, 3.4350, 20.3550

Deuteranomaly

140.3910, 15.6770, 18.7570

Tritanomaly

140.0590, 46.2110, 27.0670

Monochromacy



Original Color

141.2300, 41.7160, 36.9480

Achromatopsia

141.0000, -0.0000, -0.0000

Achromatomaly

140.9300, 15.3570, 13.5410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 141.2300, 41.7160, 36.9480 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(204, 106, 158)` looks like.

```
.text, #text, p{  
    color:rgb(204, 106, 158)  
}
```

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(204, 106, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 106, 158) }
```

Border

The CSS property to change the border of an element to YIQ 141.2300, 41.7160, 36.9480 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(204, 106, 158) }
```


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

```
.border{ border-color:rgb(204, 106, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 106, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 106, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 106, 158);  
box-shadow:4px 4px 4px 4px rgb(204, 106,  
158) }
```

Background

The CSS property to change the background color of an element to YIQ 141.2300, 41.7160, 36.9480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 106, 158) }
```

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

```
.background{ background-color: rgb(204,  
106, 158) }
```

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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