

Converting Colors

YIQ(138.6010, 41.8090, 29.7530)

Have a look what the booklet for
YIQ(138.6010, 41.8090, 29.7530)
contains.

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Color

**YIQ(138.6010, 41.8090,
29.7530)**

Conversions

Conversions Part 1

Format	Color
Hex	C56C8F
RGB	197, 108, 143
RGB Percent	77%, 42%, 56%
CMY	0.2272, 0.5766, 0.4391
CMYK	0.00, 0.45, 0.27, 0.23
HSL	336°, 43%, 60%
HSV	336°, 45%, 77%
XYZ	33.3608, 24.5799, 28.9867
YIQ	138.6010, 41.8090, 29.7530

Conversions

Conversions Part 2

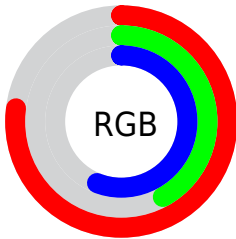
Format	Color
R_{YB}	197, 108, 143
Decimal	12938383
CIE _{Lab}	56.66, 39.49, -3.38
CIE _{LCh}	57, 39.636, 355.112
Yxy	24.5799, 0.3838, 0.2828
Android (android.graphics.Color)	4291128463 (0xFFC56C8F)
YUV	138.6010, 2.1687, 51.2159
Hunter-Lab	49.5781, 33.3500, 0.0397

Details

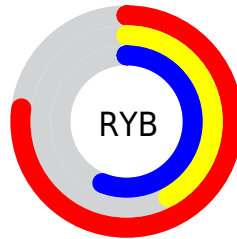
The YIQ color **138.6010, 41.8090, 29.7530** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **166.3990, -41.8090, -29.7530**, and the grayscale version is **139.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **193.2100, 44.4680, 31.1240**, and **86.2200, 38.5080, 29.0040** is the 20% darker color. If you saturate the color by 10%, you get **125.4930, 51.1610, 36.4810**, and if you desaturate by 10%, it is **151.7090, 32.4570, 23.0250**.

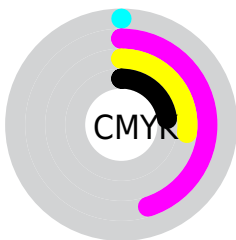
Distribution



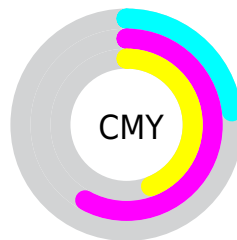
- Red (77%)
- Green (42%)
- Blue (56%)



- Red (77%)
- Yellow (42%)
- Blue (56%)



- Cyan (0%)
- Magenta (45%)
- Yellow (27%)
- Black (23%)





- Cyan (23%)
- Magenta (58%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 138.6010, 41.8090, 29.7530 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 138.6010, 41.8090, 29.7530 by changing the saturation by 10% instead.


 138.6010, 41.8090,
29.7530


 138.6010, 41.8090,
29.7530


255.0000, -0.0000,
-0.0000


 112.0030, 40.6170,
29.3290


 193.2100, 44.4680,
31.1240


 86.2200, 38.5080,
29.0040


 212.8380, 27.7800,
25.1880


 60.1490, 37.2700,
29.4140

 232.4660, 11.0920,
19.2520

 31.3710, 36.7650,
33.0610

 249.7170, 2.4750,
4.7070

 21.2030, 28.0100,
21.0180

 11.7750, 22.9230,
8.5790

 0.0000, 0.0000,

0.0000

■ 138.6010, 41.8090,
29.7530

■ 138.6010, 41.8090,
29.7530

■ 125.4930, 51.1610,
36.4810

■ 151.7090, 32.4570,
23.0250

■ 112.9720, 60.2380,
42.6860

■ 164.2300, 23.3800,
16.8200

■ 99.8640, 69.5900,
49.4140

■ 177.3380, 14.0280,
10.0920

■ 86.7560, 78.9420,
56.1420

■ 190.4460, 4.6760,
3.3640

■ 73.6480, 88.2940,
62.8700

■ 202.9670, -4.4010,
-2.8410

■ 67.7950, 92.3740,
66.0220

■ 216.0750,
-13.7530, -9.5690

■ 229.1830,
-23.1050, -16.2970

■ 235.8340,
-29.4320, -17.2720

■ 237.2020,
-33.2840, -13.5400

Harmonies

Analogous

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



139.8830, 14.7120, 30.7440



138.6010, 41.8090, 29.7530



136.9810, 54.8780, 18.6700

Triad

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



138.6010, 41.8090, 29.7530



130.3070, 14.1720, -25.5720



109.3510, -102.6070, -18.2150

Complementary

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



138.6010, 41.8090, 29.7530



166.3990, -41.8090, -29.7530

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.



108.5070, -94.7190, -29.0150



138.6010, 41.8090, 29.7530



124.5940, -20.4890, -30.6730

Square

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



138.6010, 41.8090, 29.7530



133.4460, 39.0660, -14.1660



108.7030, -75.1400, -36.9320



125.1590, -66.1150, 3.2690

Rectangle

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



138.6010, 41.8090, 29.7530



136.2440, 55.1550, 8.1390



108.7030, -75.1400, -36.9320



109.6130, -100.5890, -21.7490

Sweetspot

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



138.6010, 41.8090, 29.7530



231.3600, 16.9620, 11.9860



133.9930, 3.0190, 38.9150



113.4900, 10.5440, 7.1520



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.



138.6010, 41.8090, 29.7530



164.5320, 64.5930, 46.3610



139.8940, 50.5690, 14.1610



93.0330, 4.4010, 2.8410



56.0330, 76.6040, 54.4600



12.3600, 16.9620, 11.9860

Inverse Universe

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



138.6010, 41.8090, 29.7530



164.5320, 64.5930, 46.3610



165.1060, -50.5690, -14.1610



93.0330, 4.4010, 2.8410



56.0330, 76.6040, 54.4600



12.3600, 16.9620, 11.9860

Previews

White Background



This preview shows how the YIQ color 138.6010, 41.8090, 29.7530 looks on a white background.

Color Contrast Check

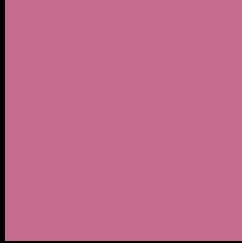
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.6010, 41.8090, 29.7530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

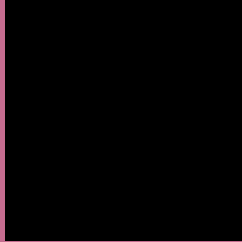
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 138.6010, 41.8090, 29.7530

Background



This preview shows how black text looks on a background with the YIQ color 138.6010, 41.8090, 29.7530.



This preview shows how white text looks on a background with the YIQ color 138.6010, 41.8090,

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

138.6010, 41.8090, 29.7530

Protanopia

136.9530, -9.8130, 7.1390

Deuteranopia

137.5820, 7.2890, 5.5690



Tritanopia

137.7290, 46.9000, 20.0840

Trichromacy



Original Color

138.6010, 41.8090, 29.7530

Protanomaly

137.5750, 9.1670, 15.5910

Deuteranomaly

137.7950, 20.1710, 14.4030

Tritanomaly

138.3530, 45.2030, 23.3070

Monochromacy



Original Color

138.6010, 41.8090, 29.7530

Achromatopsia

139.0000, -0.0000, 0.0000

Achromatomaly

138.9360, 15.2200, 10.5160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.6010, 41.8090, 29.7530 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(197, 108, 143)` looks like.

```
.text, #text, p{  
    color:rgb(197, 108, 143)  
}
```

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(197, 108, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 108, 143) }
```

Border

The CSS property to change the border of an element to YIQ 138.6010, 41.8090, 29.7530 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(197, 108, 143) }
```


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

```
.border{ border-color:rgb(197, 108, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 108, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 108, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 108, 143);  
box-shadow:4px 4px 4px 4px rgb(197, 108,  
143) }
```

Background

The CSS property to change the background color of an element to YIQ 138.6010, 41.8090, 29.7530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 108, 143) }
```

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

```
.background{ background-color: rgb(197,  
108, 143) }
```

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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