

Converting Colors

YIQ(138.4010, 45.2480, 28.0000)

Have a look what the booklet for
YIQ(138.4010, 45.2480, 28.0000)
contains.

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Color

**YIQ(138.4010, 45.2480,
28.0000)**

Conversions

Conversions Part 1

Format	Color
Hex	C76C88
RGB	199, 108, 136
RGB Percent	78%, 42%, 53%
CMY	0.2194, 0.5766, 0.4665
CMYK	0.00, 0.46, 0.32, 0.22
HSL	342°, 45%, 60%
HSV	342°, 46%, 78%
XYZ	33.3744, 24.6461, 26.3057
YIQ	138.4010, 45.2480, 28.0000

Conversions

Conversions Part 2

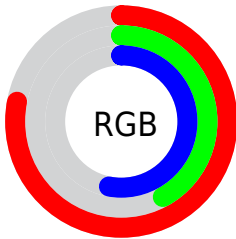
Format	Color
RYB	199, 108, 136
Decimal	13069448
CIELab	56.73, 39.26, 0.83
CIElCh	57, 39.268, 1.212
Yxy	24.6461, 0.3958, 0.2923
Android (android.graphics.Color)	4291259528 (0xFFC76C88)
YUV	138.4010, -1.1837, 53.1453
Hunter-Lab	49.6448, 33.1205, 3.3349

Details

The YIQ color **138.4010, 45.2480, 28.0000** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **168.5990, -45.2480, -28.0000**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **192.2980, 47.0360, 28.6360**, and **85.7210, 41.3510, 27.0390** is the 20% darker color. If you saturate the color by 10%, you get **125.0650, 55.2420, 34.1060**, and if you desaturate by 10%, it is **151.7370, 35.2540, 21.8940**.

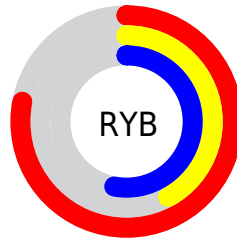
Distribution



Red (78%)

Green (42%)

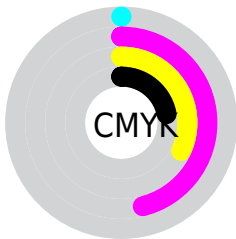
Blue (53%)



Red (78%)

Yellow (42%)

Blue (53%)

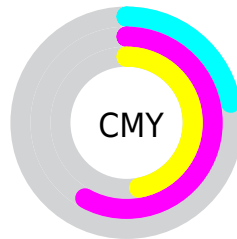


Cyan (0%)

Magenta (46%)

Yellow (32%)

Black (22%)



Cyan (22%)


Magenta (58%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 138.4010, 45.2480, 28.0000 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 138.4010, 45.2480, 28.0000 by changing the saturation by 10% instead.


 138.4010, 45.2480,
28.0000


 138.4010, 45.2480,
28.0000


255.0000, -0.0000,
-0.0000


 111.6180, 43.1390,
27.6750


 192.2980, 47.0360,
28.6360


 86.0200, 41.9470,
27.2510


 211.9260, 30.3480,
22.7000


 59.7640, 39.7920,
27.7600

 231.5540, 13.6600,
16.7640

 30.9860, 39.2870,
31.4070

 249.7170, 2.4750,
4.7070

 20.9320, 30.2110,
19.6750

 11.7750, 22.9230,
8.5790

 0.0000, 0.0000,

0.0000

■ 138.4010, 45.2480,
28.0000

■ 138.4010, 45.2480,
28.0000

■ 125.0650, 55.2420,
34.1060

■ 151.7370, 35.2540,
21.8940

■ 111.7290, 65.2360,
40.2120

■ 165.0730, 25.2600,
15.7880

■ 98.5070, 74.9090,
46.6290

■ 178.2950, 15.5870,
9.3710

■ 85.1710, 84.9030,
52.7350

■ 191.6310, 5.5930,
3.2650

■ 71.8350, 94.8970,
58.8410

■ 204.3800, -4.1260,
-2.3180

■ 66.4550, 99.0230,
61.1590

■ 217.7160,
-14.1200, -8.4240

■ 230.9380,
-23.7930, -14.8410

■ 237.2300,
-30.4870, -14.6710

■ 238.2560,
-33.3760, -11.8720

Harmonies

Analogous

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



140.1180, 21.3600, 31.4080



138.4010, 45.2480, 28.0000



136.8730, 55.0620, 15.3340

Triad

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



138.4010, 45.2480, 28.0000



129.6590, 7.2490, -26.7590



109.1060, -103.2950, -16.7590

Complementary

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



138.4010, 45.2480, 28.0000



168.5990, -45.2480, -28.0000

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.



109.1910, -96.6450, -27.1490



138.4010, 45.2480, 28.0000



123.2880, -28.3750, -30.9270

Square

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



138.4010, 45.2480, 28.0000



133.4130, 34.6650, -17.0070



105.9020, -86.0060, -38.2460



129.3670, -54.8370, 8.1310

Rectangle

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



138.4010, 45.2480, 28.0000



135.6520, 53.8260, 4.6900



105.9020, -86.0060, -38.2460



109.5960, -101.9190, -19.6710

Sweetspot

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



138.4010, 45.2480, 28.0000



231.0180, 17.9250, 11.0530



136.9120, 7.7410, 41.4450



113.3760, 10.8650, 6.8410



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.



138.4010, 45.2480, 28.0000



161.7620, 69.6370, 43.0530



145.1880, 49.5610, 10.4010



93.0330, 4.4010, 2.8410



54.4370, 81.0980, 50.1060



12.0180, 17.9250, 11.0530

Inverse Universe

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



138.4010, 45.2480, 28.0000



161.7620, 69.6370, 43.0530



161.8120, -49.5610, -10.4010



93.0330, 4.4010, 2.8410



54.4370, 81.0980, 50.1060



12.0180, 17.9250, 11.0530

Previews

White Background



This preview shows how the YIQ color 138.4010, 45.2480, 28.0000 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 138.4010, 45.2480, 28.0000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

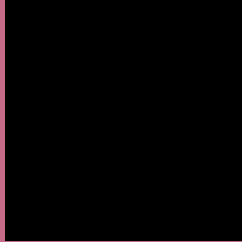
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 138.4010, 45.2480, 28.0000

Background



This preview shows how black text looks on a background with the YIQ color 138.4010, 45.2480, 28.0000.



This preview shows how white text looks on a background with the YIQ color 138.4010, 45.2480,

28.0000.

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

138.4010, 45.2480, 28.0000

Protanopia

137.3400, -6.6490, 4.8630

Deuteranopia

137.6810, 11.3240, 4.0280



Tritanopia

137.9250, 49.2840, 20.9320

Trichromacy



Original Color

138.4010, 45.2480, 28.0000

Protanomaly

137.9620, 12.3310, 13.3150

Deuteranomaly

137.5950, 23.6100, 12.6500

Tritanomaly

138.0220, 47.6330, 23.3210

Monochromacy



Original Color

138.4010, 45.2480, 28.0000

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

138.0070, 16.4580, 10.1060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.4010, 45.2480, 28.0000 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(199, 108, 136)` looks like.

```
.text, #text, p{  
    color:rgb(199, 108, 136)  
}
```

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(199, 108, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 108, 136) }
```

Border

The CSS property to change the border of an element to YIQ 138.4010, 45.2480, 28.0000 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(199, 108, 136) }
```


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

```
.border{ border-color:rgb(199, 108, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 108, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 108, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 108, 136);  
box-shadow:4px 4px 4px 4px rgb(199, 108,  
136) }
```

Background

The CSS property to change the background color of an element to YIQ 138.4010, 45.2480, 28.0000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 108, 136) }
```

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

```
.background{ background-color: rgb(199,  
108, 136) }
```

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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