

Converting Colors

YIQ(138.8280, 50.9350, 18.5430)

Have a look what the booklet for
YIQ(138.8280, 50.9350, 18.5430)
contains.

YIQ(138.8280, 50.9350, 18.5430)	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(138.8280, 50.9350,
18.5430)**

Conversions

Conversions Part 1

Format	Color
Hex	C77172
RGB	199, 113, 114
RGB Percent	78%, 44%, 45%
CMY	0.2194, 0.5570, 0.5527
CMYK	0.00, 0.43, 0.43, 0.22
HSL	359°, 43%, 61%
HSV	359°, 43%, 78%
XYZ	32.5084, 25.1675, 19.0794
YIQ	138.8280, 50.9350, 18.5430

Conversions

Conversions Part 2

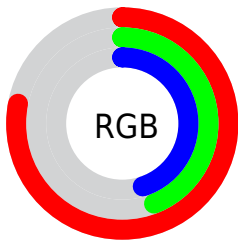
Format	Color
R_{YB}	199, 113, 114
Decimal	13070706
CIE _{Lab}	57.24, 33.99, 14.36
CIE _{LCh}	57, 36.893, 22.899
Yxy	25.1675, 0.4235, 0.3279
Android (android.graphics.Color)	4291260786 (0xFFC77172)
YUV	138.8280, -12.2402, 52.7708
Hunter-Lab	50.1673, 27.8752, 12.5682

Details

The YIQ color **138.8280, 50.9350, 18.5430** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **173.1720, -50.9350, -18.5430**, and the grayscale version is **139.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **192.6110, 53.0440, 18.8680**, and **86.9630, 46.1210, 17.6810** is the 20% darker color. If you saturate the color by 10%, you get **124.8080, 62.8550, 22.7830**, and if you desaturate by 10%, it is **152.8480, 39.0150, 14.3030**.

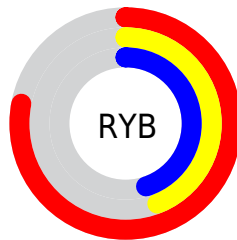
Distribution



Red (78%)

Green (44%)

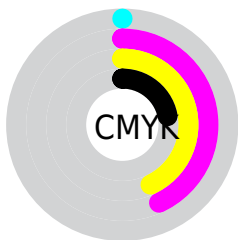
Blue (45%)



Red (78%)

Yellow (44%)

Blue (45%)

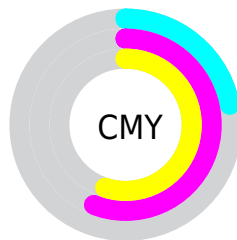


Cyan (0%)

Magenta (43%)

Yellow (43%)

Black (22%)



Cyan (22%)


Magenta (56%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 138.8280, 50.9350, 18.5430 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 138.8280, 50.9350, 18.5430 by changing the saturation by 10% instead.


 138.8280, 50.9350,
18.5430


 138.8280, 50.9350,
18.5430


255.0000, -0.0000,
-0.0000


 112.7460, 48.2300,
18.0060


 192.6110, 53.0440,
18.8680


 86.9630, 46.1210,
17.6810


 212.1250, 36.6770,
12.6210


 61.4080, 43.3700,
17.9780

 231.7530, 19.9890,
6.6850

 35.7930, 40.8480,
19.6320

 251.9680, 3.0260,
0.2260

 18.2390, 36.3560,
12.9320

 10.8780, 21.1350,
7.9430

 0.0000, 0.0000,

0.0000

■ 138.8280, 50.9350,
18.5430

■ 138.8280, 50.9350,
18.5430

■ 124.8080, 62.8550,
22.7830

■ 152.8480, 39.0150,
14.3030

■ 110.9020, 74.4540,
27.3340

■ 166.7540, 27.4160,
9.7520

■ 96.8820, 86.3740,
31.5740

■ 180.7740, 15.4960,
5.5120

■ 82.8620, 98.2940,
35.8140

■ 194.7940, 3.5760,
1.2720

■ 68.9560, 109.8930,
40.3650

■ 208.1130, -7.7480,
-2.7560

■ 59.8430, 117.6410,
43.1210

■ 222.1330,
-19.6680, -6.9960

■ 236.1530,
-31.5880, -11.2360

■ 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.



140.3940, 37.9580, 27.9580



138.8280, 50.9350, 18.5430



137.1570, 50.8460, 3.6300

Triad

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



138.8280, 50.9350, 18.5430



127.5130, -15.7670, -28.1430



127.7850, -62.1260, 2.5620

Complementary

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



138.8280, 50.9350, 18.5430



173.1720, -50.9350, -18.5430

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.



110.0690, -101.8730, -20.5050



138.8280, 50.9350, 18.5430



118.4450, -56.6180, -31.1940

Square

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



138.8280, 50.9350, 18.5430



132.4860, 15.2260, -22.6460



108.7520, -94.0310, -30.4710



138.5130, -22.6530, 19.5790

Rectangle

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



138.8280, 50.9350, 18.5430



136.1140, 43.2370, -7.1550



108.7520, -94.0310, -30.4710



121.4300, -77.4840, -5.4520

Sweetspot

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



138.8280, 50.9350, 18.5430



231.8670, 19.6680, 6.9960



148.2190, 23.0540, 44.7660



113.2790, 12.5160, 4.4520



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.



138.8280, 50.9350, 18.5430



161.9950, 78.6260, 28.8180



163.3680, 39.7060, -3.7340



92.6910, 5.3640, 1.9080



48.9650, 96.5060, 35.1780



10.7640, 21.4560, 7.6320

Inverse Universe

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



138.8280, 50.9350, 18.5430



161.9950, 78.6260, 28.8180



148.6320, -39.7060, 3.7340



92.6910, 5.3640, 1.9080



48.9650, 96.5060, 35.1780



10.7640, 21.4560, 7.6320

Previews

White Background



This preview shows how the YIQ color 138.8280, 50.9350, 18.5430 looks on a white background.

Color Contrast Check

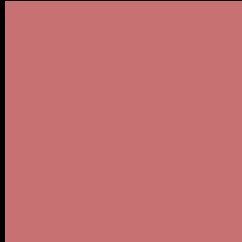
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.8280, 50.9350, 18.5430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

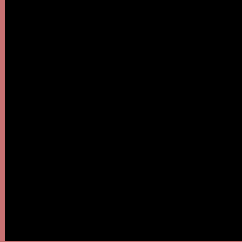
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 138.8280, 50.9350, 18.5430

Background



This preview shows how black text looks on a background with the YIQ color 138.8280, 50.9350, 18.5430.



This preview shows how white text looks on a background with the YIQ color 138.8280, 50.9350,

18.5430.

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

138.8280, 50.9350, 18.5430

Protanopia

137.5400, 7.1070, -2.1490

Deuteranopia

138.2770, 24.0250, -0.3830



Tritanopia

139.2240, 49.8800, 21.1440

Trichromacy



Original Color

138.8280, 50.9350, 18.5430

Protanomaly

137.7810, 22.7860, 5.5540

Deuteranomaly

138.4680, 33.9730, 6.5570

Tritanomaly

138.9960, 50.5220, 20.5220

Monochromacy



Original Color

138.8280, 50.9350, 18.5430

Achromatopsia

139.0000, -0.0000, 0.0000

Achromatomaly

139.2690, 18.4760, 6.5720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.8280, 50.9350, 18.5430 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, 113, 114)` looks like.

```
.text, #text, p{  
    color:rgb(199, 113, 114)  
}
```

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, 113, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 113, 114) }
```

Border

The CSS property to change the border of an element to YIQ 138.8280, 50.9350, 18.5430 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, 113, 114) }
```


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

```
.border{ border-color:rgb(199, 113, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 113, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 113, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 113, 114);  
box-shadow:4px 4px 4px 4px rgb(199, 113,  
114) }
```

Background

The CSS property to change the background color of an element to YIQ 138.8280, 50.9350, 18.5430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 113, 114) }
```

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

```
.background{ background-color: rgb(199,  
113, 114) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor