

Converting Colors

YIQ(138.2140, 55.8400, 23.2640)

Have a look what the booklet for
YIQ(138.2140, 55.8400, 23.2640)
contains.

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Color

**YIQ(138.2140, 55.8400,
23.2640)**

Conversions

Conversions Part 1

Format	Color
Hex	CE6C74
RGB	206, 108, 116
RGB Percent	81%, 42%, 45%
CMY	0.1919, 0.5766, 0.5449
CMYK	0.00, 0.48, 0.44, 0.19
HSL	355°, 50%, 62%
HSV	355°, 48%, 81%
XYZ	33.9843, 25.1092, 19.5951
YIQ	138.2140, 55.8400, 23.2640

Conversions

Conversions Part 2

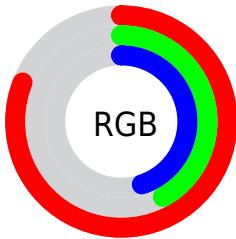
Format	Color
R_{YB}	206, 108, 116
Decimal	13528180
CIE _{Lab}	57.18, 39.44, 13.26
CIE _{LCh}	57, 41.612, 18.579
Yxy	25.1092, 0.4319, 0.3191
Android (android.graphics.Color)	4291718260 (0xFFCE6C74)
YUV	138.2140, -10.9515, 59.4483
Hunter-Lab	50.1091, 33.3689, 11.8910

Details

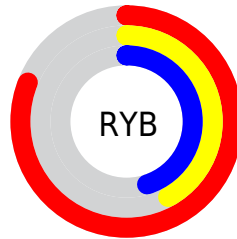
The YIQ color **138.2140, 55.8400, 23.2640** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **175.7860, -55.8400, -23.2640**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **189.9040, 53.7770, 22.1050**, and **85.4630, 50.7050, 22.7130** is the 20% darker color. If you saturate the color by 10%, you get **123.7210, 67.7140, 28.3380**, and if you desaturate by 10%, it is **152.7070, 43.9660, 18.1900**.

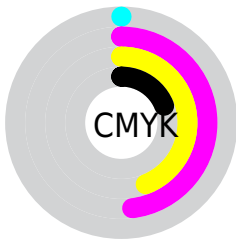
Distribution



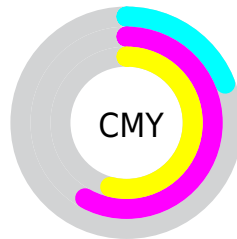
- Red (81%)
- Green (42%)
- Blue (45%)



- Red (81%)
- Yellow (42%)
- Blue (45%)



- Cyan (0%)
- Magenta (48%)
- Yellow (44%)
- Black (19%)





- Cyan (19%)
- Magenta (58%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 138.2140, 55.8400, 23.2640 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 138.2140, 55.8400, 23.2640 by changing the saturation by 10% instead.


 138.2140, 55.8400,
23.2640


 138.2140, 55.8400,
23.2640


255.0000, -0.0000,
-0.0000


 111.5450, 53.4100,
23.2500


 189.9040, 53.7770,
22.1050


 85.4630, 50.7050,
22.7130


 209.4180, 37.4100,
15.8580


 59.3210, 48.2290,
23.5330

 229.0460, 20.7220,
9.9220

 30.3580, 46.8070,
27.2790

 249.3750, 3.4380,
3.7740

 19.7340, 39.3360,
13.9920

 12.0740, 23.5190,
8.7910

 0.0000, 0.0000,

0.0000

■ 138.2140, 55.8400,
23.2640

■ 138.2140, 55.8400,
23.2640

■ 123.7210, 67.7140,
28.3380

■ 152.7070, 43.9660,
18.1900

■ 109.8150, 79.3130,
32.8890

■ 166.6130, 32.3670,
13.6390

■ 95.3220, 91.1870,
37.9630

■ 181.1060, 20.4930,
8.5650

■ 81.4160, 102.7860,
42.5140

■ 195.0120, 8.8940,
4.0140

■ 67.0370, 114.3390,
47.8990

■ 209.5050, -2.9800,
-1.0600

■ 63.5320, 117.3190,
48.9590

■ 223.8840,
-14.5330, -6.4450

■ 237.7900,
-26.1320, -10.9960

■ 240.3490,
-29.2040, -10.3880

Harmonies

Analogous

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



140.6270, 38.9200, 32.5520



138.2140, 55.8400, 23.2640



136.8590, 57.6770, 6.4850

Triad

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



138.2140, 55.8400, 23.2640



127.0740, -13.1530, -31.4650



117.4980, -89.3590, -4.9990

Complementary

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



138.2140, 55.8400, 23.2640



175.7860, -55.8400, -23.2640

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.



111.5850, -103.3860, -20.6180



138.2140, 55.8400, 23.2640



113.8630, -63.9070, -36.7630

Square

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



138.2140, 55.8400, 23.2640



131.8410, 21.4160, -24.6960



109.6980, -93.9390, -32.1390



136.8370, -32.3730, 19.5230

Rectangle

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



138.2140, 55.8400, 23.2640



135.9470, 51.0770, -6.0670



109.6980, -93.9390, -32.1390



110.1320, -106.1840, -13.9600

Sweetspot

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



138.2140, 55.8400, 23.2640



230.1060, 20.4930, 8.5650



146.0820, 22.1820, 49.5580



112.8060, 12.4700, 5.2860



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.



138.2140, 55.8400, 23.2640



154.7230, 82.5680, 34.4720



161.3690, 47.1330, -0.6670



95.1040, 5.6390, 2.4310



51.2300, 94.4420, 39.5460



11.7040, 21.6850, 8.9890

Inverse Universe

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



138.2140, 55.8400, 23.2640



154.7230, 82.5680, 34.4720



152.6310, -47.1330, 0.6670



95.1040, 5.6390, 2.4310



51.2300, 94.4420, 39.5460



11.7040, 21.6850, 8.9890

Previews

White Background



This preview shows how the YIQ color 138.2140, 55.8400, 23.2640 looks on a white background.

Color Contrast Check

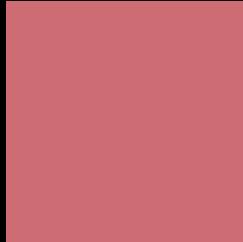
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.2140, 55.8400, 23.2640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

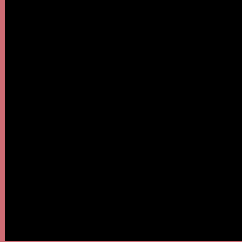
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 138.2140, 55.8400, 23.2640

Background



This preview shows how black text looks on a background with the YIQ color 138.2140, 55.8400, 23.2640.



This preview shows how white text looks on a background with the YIQ color 138.2140, 55.8400,

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

138.2140, 55.8400, 23.2640

Protanopia

137.8110, 4.9060, -0.8060

Deuteranopia

138.0920, 23.1080, -0.2840



Tritanopia

138.2140, 55.8400, 23.2640

Trichromacy



Original Color

138.2140, 55.8400, 23.2640

Protanomaly

137.6610, 23.2440, 8.2680

Deuteranomaly

138.0060, 35.3940, 8.3380

Tritanomaly

138.2140, 55.8400, 23.2640

Monochromacy



Original Color

138.2140, 55.8400, 23.2640

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

138.1060, 20.4930, 8.5650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.2140, 55.8400, 23.2640 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(206, 108, 116)` looks like.

```
.text, #text, p{  
    color:rgb(206, 108, 116)  
}
```

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(206, 108, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 108, 116) }
```

Border

The CSS property to change the border of an element to YIQ 138.2140, 55.8400, 23.2640 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(206, 108, 116) }
```


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

```
.border{ border-color:rgb(206, 108, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 108, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 108, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 108, 116);  
box-shadow:4px 4px 4px 4px rgb(206, 108,  
116) }
```

Background

The CSS property to change the background color of an element to YIQ 138.2140, 55.8400, 23.2640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 108, 116) }
```

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

```
.background{ background-color: rgb(206,  
108, 116) }
```

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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