

Converting Colors

YIQ(129.8070, 55.4280, 19.7160)

Have a look what the booklet for
YIQ(129.8070, 55.4280, 19.7160)
contains.

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Color

**YIQ(129.8070, 55.4280,
19.7160)**

Conversions

Conversions Part 1

Format	Color
Hex	C36666
RGB	195, 102, 102
RGB Percent	76%, 40%, 40%
CMY	0.2351, 0.6001, 0.5998
CMYK	0.00, 0.48, 0.48, 0.24
HSL	360°, 44%, 58%
HSV	360°, 48%, 76%
XYZ	29.6688, 22.0651, 15.2802
YIQ	129.8070, 55.4280, 19.7160

Conversions

Conversions Part 2

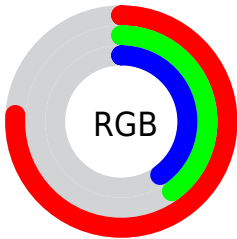
Format	Color
R_{YB}	195, 102, 102
Decimal	12805734
CIE _{Lab}	54.10, 37.04, 16.92
CIE _{LCh}	54, 40.720, 24.556
Yxy	22.0651, 0.4427, 0.3293
Android (android.graphics.Color)	4290995814 (0xFFC36666)
YUV	129.8070, -13.7089, 57.1743
Hunter-Lab	46.9735, 30.5384, 13.5947

Details

The YIQ color **129.8070, 55.4280, 19.7160** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **167.1930, -55.4280, -19.7160**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **184.6720, 60.2420, 20.5780**, and **77.7570, 49.6970, 18.9530** is the 20% darker color. If you saturate the color by 10%, you get **115.9010, 67.0270, 24.2670**, and if you desaturate by 10%, it is **143.2400, 43.7830, 15.9990**.

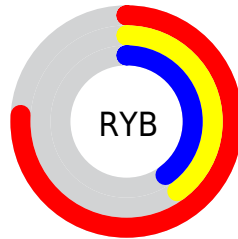
Distribution



Red (76%)

Green (40%)

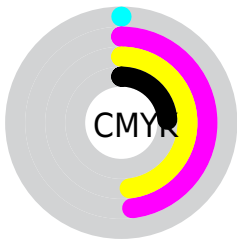
Blue (40%)



Red (76%)

Yellow (40%)

Blue (40%)

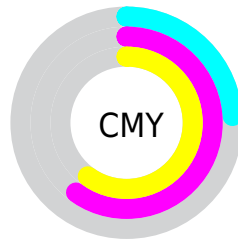


Cyan (0%)

Magenta (48%)

Yellow (48%)

Black (24%)



Cyan (24%)


Magenta (60%)


Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 129.8070, 55.4280, 19.7160 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 129.8070, 55.4280, 19.7160 by changing the saturation by 10% instead.


 129.8070, 55.4280,
19.7160


 129.8070, 55.4280,
19.7160


255.0000, -0.0000,
-0.0000


 103.7250, 52.7230,
19.1790


 184.6720, 60.2420,
20.5780


 77.4690, 50.5680,
19.6880


 203.5990, 44.1500,
14.8540


 52.0280, 47.4960,
20.2960

 223.1130, 27.7830,
8.6070

 26.0000, 44.6990,
21.4270

 243.4420, 10.4990,
2.4590

 16.7440, 33.3760,
11.8720

 7.2900, 13.9830,
5.3990

 0.0000, 0.0000,

0.0000

■ 129.8070, 55.4280,
19.7160

■ 129.8070, 55.4280,
19.7160

■ 115.9010, 67.0270,
24.2670

■ 143.2400, 43.7830,
15.9990

■ 102.4680, 78.6720,
27.9840

■ 157.1460, 32.1840,
11.4480

■ 88.5620, 90.2710,
32.5350

■ 170.5790, 20.5390,
7.7310

■ 75.1290, 101.9160,
36.2520

■ 184.4850, 8.9400,
3.1800

■ 61.2230, 113.5150,
40.8030

■ 197.8040, -2.3840,
-0.8480

■ 58.3050, 116.2200,
41.3400

■ 211.8240,
-14.3040, -5.0880

■ 225.7300,
-25.9030, -9.6390

■ 237.0600,
-35.7600, -12.7200

Harmonies

Analogous

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



131.4270, 42.3590, 30.7990



129.8070, 55.4280, 19.7160



128.4840, 54.2390, 2.7110

Triad

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



129.8070, 55.4280, 19.7160



117.4800, -20.1680, -30.9840



116.2830, -72.3960, 1.4600

Complementary

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



129.8070, 55.4280, 19.7160



167.1930, -55.4280, -19.7160

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.



105.1450, -99.0310, -16.9430



129.8070, 55.4280, 19.7160



100.1970, -79.5870, -38.9390

Square

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



129.8070, 55.4280, 19.7160



123.1930, 14.4930, -25.8830



104.1870, -90.8220, -28.0540



130.6810, -23.0660, 21.5580

Rectangle

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



129.8070, 55.4280, 19.7160



127.6150, 46.0800, -9.1200



104.1870, -90.8220, -28.0540



103.4640, -101.1870, -10.9070

Sweetspot

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



129.8070, 55.4280, 19.7160



227.4650, 20.8600, 7.4200



140.1100, 24.9790, 48.4270



112.5780, 13.1120, 4.6640



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.



129.8070, 55.4280, 19.7160



151.7570, 85.2280, 30.3160



156.2220, 43.0530, -3.8190



89.9900, 5.9600, 2.1200



48.1390, 95.9560, 34.1320



9.8670, 19.6680, 6.9960

Inverse Universe

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



129.8070, 55.4280, 19.7160



151.7570, 85.2280, 30.3160



140.7780, -43.0530, 3.8190



89.9900, 5.9600, 2.1200



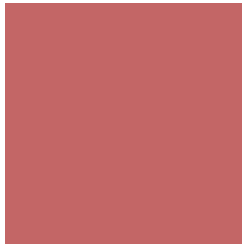
48.1390, 95.9560, 34.1320



9.8670, 19.6680, 6.9960

Previews

White Background



This preview shows how the YIQ color 129.8070, 55.4280, 19.7160 looks on a white background.

Color Contrast Check

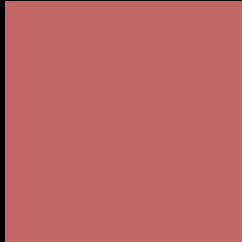
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.8070, 55.4280, 19.7160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

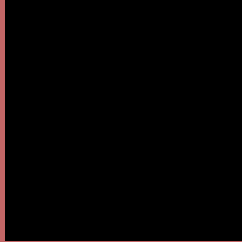
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 129.8070, 55.4280, 19.7160

Background



This preview shows how black text looks on a background with the YIQ color 129.8070, 55.4280, 19.7160.



This preview shows how white text looks on a background with the YIQ color 129.8070, 55.4280,

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

129.8070, 55.4280, 19.7160

Protanopia

129.4970, 8.6660, -2.8700

Deuteranopia

130.2940, 25.3550, -2.4610



Tritanopia

130.2030, 54.3730, 22.3170

Trichromacy



Original Color

129.8070, 55.4280, 19.7160

Protanomaly

129.3360, 25.5370, 5.2570

Deuteranomaly

130.1970, 36.1740, 5.2140

Tritanomaly

129.9750, 55.0150, 21.6950

Monochromacy



Original Color

129.8070, 55.4280, 19.7160

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

130.1660, 20.2640, 7.2080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.8070, 55.4280, 19.7160 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(195, 102, 102)` looks like.

```
.text, #text, p{  
    color:rgb(195, 102, 102)  
}
```

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(195, 102, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 102, 102) }
```

Border

The CSS property to change the border of an element to YIQ 129.8070, 55.4280, 19.7160 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(195, 102, 102) }
```


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

```
.border{ border-color:rgb(195, 102, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 102, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 102, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 102, 102);  
box-shadow:4px 4px 4px 4px rgb(195, 102,  
102) }
```

Background

The CSS property to change the background color of an element to YIQ 129.8070, 55.4280, 19.7160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 102, 102) }
```

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

```
.background{ background-color: rgb(195,  
102, 102) }
```

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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