

# Converting Colors

YIQ(130.6320, 57.7190, 27.7590)

Have a look what the booklet for  
YIQ(130.6320, 57.7190, 27.7590)  
contains.

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# Color

**YIQ(130.6320, 57.7190,  
27.7590)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB6172
RGB	203, 97, 114
RGB Percent	80%, 38%, 45%
CMY	0.2037, 0.6198, 0.5527
CMYK	0.00, 0.52, 0.44, 0.20
HSL	350°, 51%, 59%
HSV	350°, 52%, 80%
XYZ	31.9578, 22.4632, 18.5875
YIQ	130.6320, 57.7190, 27.7590

# Conversions

## Conversions Part 2

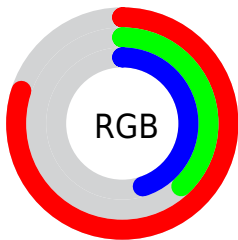
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 97, 114
Decimal	13328754
CIE <sub>Lab</sub>	54.52, 43.74, 10.63
CIE <sub>LCh</sub>	55, 45.012, 13.661
Yxy	22.4632, 0.4377, 0.3077
Android (android.graphics.Color)	4291518834 (0xFFCB6172)
YUV	130.6320, -8.1996, 63.4667
Hunter-Lab	47.3954, 37.4173, 9.9245

# Details

The YIQ color **130.6320, 57.7190, 27.7590** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **169.3680, -57.7190, -27.7590**, and the grayscale version is **131.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **183.2190, 57.4440, 27.2360**, and **77.2940, 52.8590, 27.7310** is the 20% darker color. If you saturate the color by 10%, you get **116.9540, 68.6760, 32.9320**, and if you desaturate by 10%, it is **144.3100, 46.7620, 22.5860**.

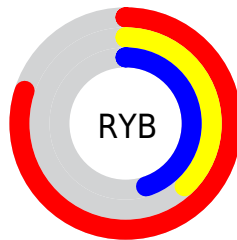
# Distribution



Red (80%)

Green (38%)

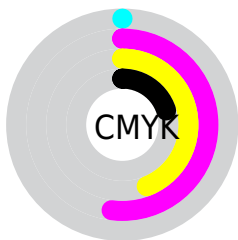
Blue (45%)



Red (80%)

Yellow (38%)

Blue (45%)

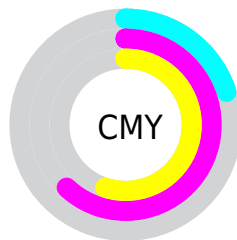


Cyan (0%)

Magenta (52%)

Yellow (44%)

Black (20%)



Cyan (20%)

Magenta (62%)


Yellow (55%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 130.6320, 57.7190, 27.7590 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 130.6320, 57.7190, 27.7590 by changing the saturation by 10% instead.





 130.6320, 57.7190,  
27.7590


 130.6320, 57.7190,  
27.7590


255.0000, -0.0000,  
-0.0000


 103.9630, 55.2890,  
27.7450


 183.2190, 57.4440,  
27.2360


 77.2940, 52.8590,  
27.7310


 202.7330, 41.0770,  
20.9890


 48.2170, 51.7580,  
31.1660

 222.3610, 24.3890,  
15.0530

 29.3470, 45.3400,  
26.3320

 242.5760, 7.4260,  
8.5940

 18.8370, 37.5480,  
13.3560

 10.2800, 19.9430,  
7.5190

 0.0000, 0.0000,

0.0000

■ 130.6320, 57.7190,  
27.7590

■ 130.6320, 57.7190,  
27.7590

■ 116.9540, 68.6760,  
32.9320

■ 144.3100, 46.7620,  
22.5860

■ 102.6890, 79.9080,  
38.6280

■ 158.5750, 35.5300,  
16.8900

■ 89.0110, 90.8650,  
43.8010

■ 172.2530, 24.5730,  
11.7170

■ 75.3330, 101.8220,  
48.9740

■ 185.9310, 13.6160,  
6.5440

■ 64.4590, 110.3950,  
53.2990

■ 199.6090, 2.6590,  
1.3710

■ 213.8740, -8.5730,  
-4.3250

■ 227.5520,  
-19.5300, -9.4980

■ 238.8820,  
-29.3870, -12.5790

■ 239.4520,  
-30.9920, -11.0240

# Harmonies

## Analogous

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



133.2510, 37.2230, 35.7750



130.6320, 57.7190, 27.7590



129.4190, 62.0320, 10.1600

# Triad

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



130.6320, 57.7190, 27.7590



119.6570, -7.6050, -32.8930



106.1370, -104.5800, -9.9880

# Complementary

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



130.6320, 57.7190, 27.7590



169.3680, -57.7190, -27.7590

# 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.



107.7380, -99.4430, -20.4910



130.6320, 57.7190, 27.7590



102.9610, -67.2990, -41.3710

# Square

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



130.6320, 57.7190, 27.7590



125.1360, 27.8350, -25.3890



104.9220, -88.7580, -32.4220



127.0250, -44.7060, 17.2620



# Rectangle

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



130.6320, 57.7190, 27.7590



128.7520, 56.1200, -3.8480



104.9220, -88.7580, -32.4220



106.7410, -103.5250, -12.5890

# Sweetspot

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



130.6320, 57.7190, 27.7590



227.0570, 22.1890, 10.8690



135.3960, 18.4220, 51.6220



110.9310, 13.6160, 6.5440



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.



130.6320, 57.7190, 27.7590



145.1030, 87.6100, 42.2180



149.2390, 53.5510, 4.1670



95.1040, 5.6390, 2.4310



52.7120, 90.2690, 43.5890



12.0460, 20.7220, 9.9220



# Inverse Universe

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



130.6320, 57.7190, 27.7590



145.1030, 87.6100, 42.2180



150.7610, -53.5510, -4.1670



95.1040, 5.6390, 2.4310



52.7120, 90.2690, 43.5890



12.0460, 20.7220, 9.9220



# Previews

## White Background



This preview shows how the YIQ color 130.6320, 57.7190, 27.7590 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 130.6320, 57.7190, 27.7590 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

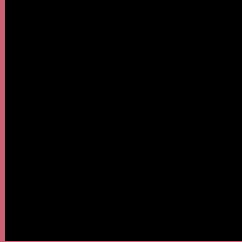
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 130.6320, 57.7190, 27.7590

## Background



This preview shows how black text looks on a background with the YIQ color 130.6320, 57.7190, 27.7590.



This preview shows how white text looks on a background with the YIQ color 130.6320, 57.7190,



# 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

130.6320, 57.7190, 27.7590

### Protanopia

131.1250, 1.1460, 1.2580

### Deuteranopia

131.5370, 20.3570, 0.0130



## Tritanopia

129.8940, 59.7370, 24.2250

# Trichromacy



## Original Color

130.6320, 57.7190, 27.7590

## Protanomaly

130.7580, 21.5930, 10.6570

## Deuteranomaly

130.9890, 34.0640, 10.4160

## Tritanomaly

130.2360, 58.7740, 25.1580

# Monochromacy



## Original Color

130.6320, 57.7190, 27.7590

## Achromatopsia

131.0000, -0.0000, -0.0000

## Achromatomaly

131.0460, 20.7220, 9.9220

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 130.6320, 57.7190, 27.7590 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(203, 97, 114)` looks like.

```
.text, #text, p{  
    color:rgb(203, 97, 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(203, 97, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 97, 114) }
```

## Border

The CSS property to change the border of an element to YIQ 130.6320, 57.7190, 27.7590 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(203, 97, 114) }
```



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

```
.border{ border-color:rgb(203, 97, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 97, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 97, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 97, 114);  
box-shadow:4px 4px 4px 4px rgb(203, 97,  
114) }
```

# Background

The CSS property to change the background color of an element to YIQ 130.6320, 57.7190, 27.7590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 97, 114) }
```

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

```
.background{ background-color: rgb(203, 97,  
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](#).

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