

Converting Colors

YIQ(130.1610, 38.1370, 52.2570)

Have a look what the booklet for
YIQ(130.1610, 38.1370, 52.2570)
contains.

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Color

**YIQ(130.1610, 38.1370,
52.2570)**

Conversions

Conversions Part 1

Format	Color
Hex	C756B1
RGB	199, 86, 177
RGB Percent	78%, 34%, 69%
CMY	0.2193, 0.6629, 0.3058
CMYK	0.00, 0.57, 0.11, 0.22
HSL	312°, 50%, 56%
HSV	312°, 57%, 78%
XYZ	34.8371, 21.9767, 44.0116
YIQ	130.1610, 38.1370, 52.2570

Conversions

Conversions Part 2

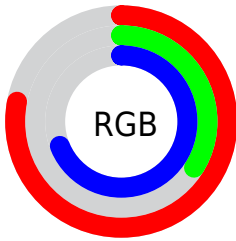
Format	Color
R_{YB}	199, 86, 177
Decimal	13063857
CIE _{Lab}	54.00, 56.09, -27.18
CIE _{LCh}	54, 62.331, 334.144
Yxy	21.9767, 0.3455, 0.2180
Android (android.graphics.Color)	4291253937 (0xFFC756B1)
YUV	130.1610, 23.0916, 60.3718
Hunter-Lab	46.8793, 50.6089, -22.8476

Details

The YIQ color **130.1610, 38.1370, 52.2570** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **154.8390, -38.1370, -52.2570**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **185.5740, 38.4120, 52.7800**, and **72.4430, 37.4030, 54.5470** is the 20% darker color. If you saturate the color by 10%, you get **117.9650, 44.9210, 61.4730**, and if you desaturate by 10%, it is **142.3570, 31.3530, 43.0410**.

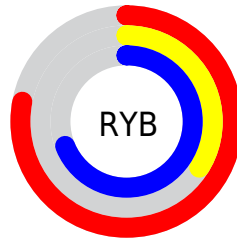
Distribution



Red (78%)

Green (34%)

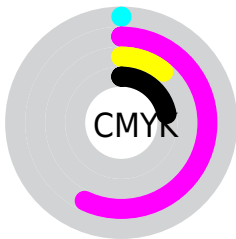
Blue (69%)



Red (78%)

Yellow (34%)

Blue (69%)

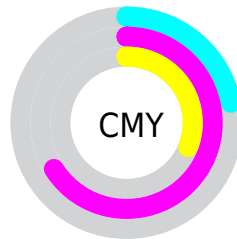


Cyan (0%)

Magenta (57%)

Yellow (11%)

Black (22%)



Cyan (22%)

Magenta (66%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 130.1610, 38.1370, 52.2570 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 130.1610, 38.1370, 52.2570 by changing the saturation by 10% instead.

130.1610, 38.1370,
52.2570

130.1610, 38.1370,
52.2570

255.0000, -0.0000,
-0.0000

101.9760, 37.2200,
52.3560

185.5740, 38.4120,
52.7800

72.4430, 37.4030,
54.5470

204.5180, 23.6500,
44.9780

45.6710, 36.7610,
55.1690

220.9540, 15.9500,
30.3340

34.8620, 28.3730,
41.9810

237.9770, 7.9750,
15.1670

24.4660, 20.2600,
29.3160

14.1840, 11.8260,
16.9620

0.0000, 0.0000,

0.0000

■ 130.1610, 38.1370,
52.2570

■ 130.1610, 38.1370,
52.2570

■ 117.9650, 44.9210,
61.4730

■ 142.3570, 31.3530,
43.0410

■ 105.7690, 51.7050,
70.6890

■ 154.5530, 24.5690,
33.8250

■ 93.5730, 58.4890,
79.9050

■ 166.7490, 17.7850,
24.6090

■ 81.3770, 65.2730,
89.1210

■ 178.9450, 11.0010,
15.3930

■ 77.7410, 67.2440,
91.9480

■ 191.0270, 4.5380,
5.8660

■ 202.6360, -1.9710,
-2.8270

■ 214.8320, -8.7550,
-12.0430

■ 227.0280,
-15.5390, -21.2590

■ 233.3540,
-19.5730, -25.2450

Harmonies

Analogous

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



131.3850, -18.5760, 39.3120



130.1610, 38.1370, 52.2570



123.9630, 73.6250, 47.8730

Triad

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



130.1610, 38.1370, 52.2570



119.9750, 52.7330, -36.0910



111.2430, -102.4230, -21.5510

Complementary

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



130.1610, 38.1370, 52.2570



154.8390, -38.1370, -52.2570

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.



105.7880, -85.6850, -38.5570



130.1610, 38.1370, 52.2570



114.5270, 6.8400, -46.8880

Square

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



130.1610, 38.1370, 52.2570



123.8280, 76.1570, -9.0510



97.6430, -66.8840, -54.4040



112.0530, -112.9710, -6.5950

Rectangle

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



130.1610, 38.1370, 52.2570



123.1960, 82.6140, 33.6380



97.6430, -66.8840, -54.4040



110.0060, -97.5620, -27.0500

Sweetspot

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



130.1610, 38.1370, 52.2570



228.8470, 14.3930, 20.0010



105.1610, -23.7570, 39.5950



112.1680, 8.7550, 12.0430



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.



130.1610, 38.1370, 52.2570



149.5730, 58.4890, 79.9050



123.8910, 55.7920, 35.1520



93.6030, 2.7960, 4.3960



63.6710, 55.0970, 75.2970



14.0700, 12.1470, 16.6510

Inverse Universe

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



130.1610, 38.1370, 52.2570



149.5730, 58.4890, 79.9050



161.1090, -55.7920, -35.1520



93.6030, 2.7960, 4.3960



63.6710, 55.0970, 75.2970



14.0700, 12.1470, 16.6510

Previews

White Background



This preview shows how the YIQ color 130.1610, 38.1370, 52.2570 looks on a white background.

Color Contrast Check

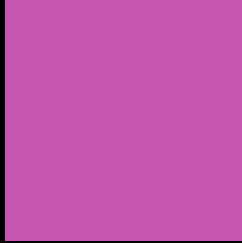
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.1610, 38.1370, 52.2570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

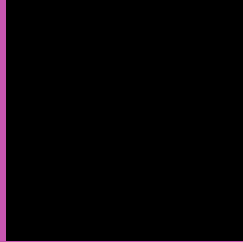
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 130.1610, 38.1370, 52.2570

Background



This preview shows how black text looks on a background with the YIQ color 130.1610, 38.1370, 52.2570.



This preview shows how white text looks on a background with the YIQ color 130.1610, 38.1370,

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

130.1610, 38.1370, 52.2570

Protanopia

127.4920, -44.5230, 19.4530

Deuteranopia

129.8090, -17.9750, 11.8890



Tritanopia

130.4090, 50.7970, 21.0450

Trichromacy



Original Color

130.1610, 38.1370, 52.2570



Protanomaly

128.3820, -14.4940, 31.4100



Deuteranomaly

130.0170, 2.4710, 26.8150



Tritanomaly

130.5200, 46.5310, 32.2830

Monochromacy



Original Color

130.1610, 38.1370, 52.2570



Achromatopsia

130.0000, -0.0000, -0.0000



Achromatomaly

130.0210, 13.8430, 18.9550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.1610, 38.1370, 52.2570 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, 86, 177)` looks like.

```
.text, #text, p{  
    color:rgb(199, 86, 177)  
}
```

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, 86, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 86, 177) }
```

Border

The CSS property to change the border of an element to YIQ 130.1610, 38.1370, 52.2570 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, 86, 177) }
```


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

```
.border{ border-color:rgb(199, 86, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 86, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 86, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 86, 177);  
box-shadow:4px 4px 4px 4px rgb(199, 86,  
177) }
```

Background

The CSS property to change the background color of an element to YIQ 130.1610, 38.1370, 52.2570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 86, 177) }
```

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

```
.background{ background-color: rgb(199, 86,  
177) }
```

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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