

Converting Colors

YIQ(133.8430, 30.5250, 58.0530)

Have a look what the booklet for
YIQ(133.8430, 30.5250, 58.0530)
contains.

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Color

**YIQ(133.8430, 30.5250,
58.0530)**

Conversions

Conversions Part 1

Format	Color
Hex	C758C7
RGB	199, 88, 199
RGB Percent	78%, 35%, 78%
CMY	0.2193, 0.6551, 0.2196
CMYK	0.00, 0.56, 0.00, 0.22
HSL	300°, 50%, 56%
HSV	300°, 56%, 78%
XYZ	37.3715, 23.2495, 56.5562
YIQ	133.8430, 30.5250, 58.0530

Conversions

Conversions Part 2

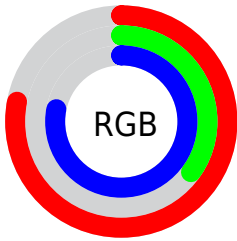
Format	Color
R_{YB}	199, 88, 199
Decimal	13064391
CIE _{Lab}	55.33, 58.85, -37.79
CIE _{LCh}	55, 69.938, 327.294
Yxy	23.2495, 0.3189, 0.1984
Android (android.graphics.Color)	4291254471 (0xFFC758C7)
YUV	133.8430, 32.1224, 57.1427
Hunter-Lab	48.2178, 53.9666, -35.7908

Details

The YIQ color **133.8430, 30.5250, 58.0530** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **153.1570, -30.5250, -58.0530**, and the grayscale version is **134.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **189.2560, 30.8000, 58.5760**, and **76.0110, 30.1120, 60.0320** is the 20% darker color. If you saturate the color by 10%, you get **122.1030, 36.0250, 68.5130**, and if you desaturate by 10%, it is **145.5830, 25.0250, 47.5930**.

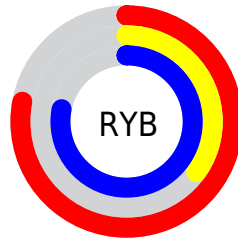
Distribution



Red (78%)

Green (35%)

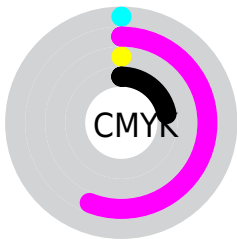
Blue (78%)



Red (78%)

Yellow (35%)

Blue (78%)

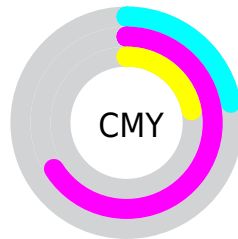


Cyan (0%)

Magenta (56%)

Yellow (0%)

Black (22%)



Cyan (22%)

Magenta (66%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 133.8430, 30.5250, 58.0530 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 133.8430, 30.5250, 58.0530 by changing the saturation by 10% instead.

133.8430, 30.5250,
58.0530

133.8430, 30.5250,
58.0530

255.0000, -0.0000,
-0.0000

105.5440, 29.9290,
57.8410

189.2560, 30.8000,
58.5760

76.0110, 30.1120,
60.0320

205.6920, 23.1000,
43.9320

47.9510, 30.3410,
61.3890

222.7150, 15.1250,
28.7650

36.9140, 22.5950,
47.5790

239.7380, 7.1500,
13.5980

26.1050, 14.2070,
34.3910

16.0080, 6.6900,
21.9380

3.3230, -7.9790,

6.9410

■ 0.0000, 0.0000,
0.0000

■ 133.8430, 30.5250,
58.0530

■ 133.8430, 30.5250,
58.0530

■ 122.1030, 36.0250,
68.5130

■ 145.5830, 25.0250,
47.5930

■ 110.3630, 41.5250,
78.9730

■ 157.3230, 19.5250,
37.1330

■ 98.6230, 47.0250,
89.4330

■ 169.0630, 14.0250,
26.6730

■ 86.8830, 52.5250,
99.8930

■ 180.8030, 8.5250,
16.2130

■ 82.1870, 54.7250,
104.0770

■ 192.5430, 3.0250,
5.7530

■ 203.6960, -2.2000,
-4.1840

■ 215.4360, -7.7000,
-14.6440

■ 227.1760,
-13.2000, -25.1040

■ 231.8720,
-15.4000, -29.2880

Harmonies

Analogous

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



132.3100, -40.3540, 37.5180



133.8430, 30.5250, 58.0530



123.9070, 77.1990, 60.1990

Triad

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



133.8430, 30.5250, 58.0530



124.1720, 62.5440, -32.1760



114.6510, -103.7520, -25.0000

Complementary

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



133.8430, 30.5250, 58.0530



153.1570, -30.5250, -58.0530

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.



107.5830, -83.8500, -44.2820



133.8430, 30.5250, 58.0530



116.5100, 22.7050, -53.5750

Square

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



133.8430, 30.5250, 58.0530



125.4600, 89.1770, -2.7190



98.0530, -62.5270, -61.7830



117.6610, -117.7390, -8.2910

Rectangle

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



133.8430, 30.5250, 58.0530



122.1900, 91.9190, 46.7270



98.0530, -62.5270, -61.7830



112.9580, -97.6070, -31.7430

Sweetspot

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



133.8430, 30.5250, 58.0530



229.7590, 11.8250, 22.4890



100.6540, -35.6310, 34.5210



112.6240, 7.4710, 13.2870



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.



133.8430, 30.5250, 58.0530



154.6230, 47.0250, 89.4330



127.5730, 48.1800, 40.9480



93.7170, 2.4750, 4.7070



67.3190, 44.8250, 85.2490



14.8680, 9.9000, 18.8280

Inverse Universe

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



133.8430, 30.5250, 58.0530



154.6230, 47.0250, 89.4330



159.5410, -48.5010, -40.6370



93.7170, 2.4750, 4.7070



67.3190, 44.8250, 85.2490



14.8680, 9.9000, 18.8280

Previews

White Background



This preview shows how the YIQ color 133.8430, 30.5250, 58.0530 looks on a white background.

Color Contrast Check

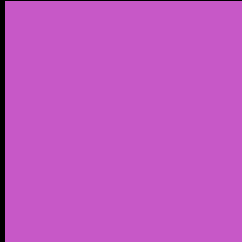
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.8430, 30.5250, 58.0530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

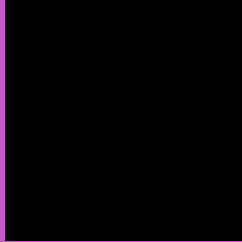
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 133.8430, 30.5250, 58.0530

Background



This preview shows how black text looks on a background with the YIQ color 133.8430, 30.5250, 58.0530.



This preview shows how white text looks on a background with the YIQ color 133.8430, 30.5250,

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

133.8430, 30.5250, 58.0530

Protanopia

127.4440, -61.7630, 23.5250

Deuteranopia

132.1480, -32.0510, 13.6850



Tritanopia

133.8320, 45.1120, 19.4480

Trichromacy



Original Color

133.8430, 30.5250, 58.0530



Protanomaly

129.7150, -28.4330, 36.2310



Deuteranomaly

132.6660, -9.5420, 29.7700



Tritanomaly

133.7520, 40.0660, 33.8100

Monochromacy



Original Color

133.8430, 30.5250, 58.0530



Achromatopsia

134.0000, -0.0000, -0.0000



Achromatomaly

133.9330, 11.2750, 21.4430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.8430, 30.5250, 58.0530 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, 88, 199)` looks like.

```
.text, #text, p{  
    color:rgb(199, 88, 199)  
}
```

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, 88, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 88, 199) }
```

Border

The CSS property to change the border of an element to YIQ 133.8430, 30.5250, 58.0530 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, 88, 199) }
```


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

```
.border{ border-color:rgb(199, 88, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 88, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 88, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 88, 199);  
box-shadow:4px 4px 4px 4px rgb(199, 88,  
199) }
```

Background

The CSS property to change the background color of an element to YIQ 133.8430, 30.5250, 58.0530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 88, 199) }
```

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

```
.background{ background-color: rgb(199, 88,  
199) }
```

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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