

Converting Colors

YIQ(163.3080, 23.8810, 35.2810)

Have a look what the booklet for
YIQ(163.3080, 23.8810, 35.2810)
contains.

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Color

**YIQ(163.3080, 23.8810,
35.2810)**

Conversions

Conversions Part 1

Format	Color
Hex	D086C5
RGB	208, 134, 197
RGB Percent	82%, 53%, 77%
CMY	0.1841, 0.4746, 0.2274
CMYK	0.00, 0.36, 0.05, 0.18
HSL	309°, 44%, 67%
HSV	309°, 36%, 82%
XYZ	44.6281, 34.4913, 57.1357
YIQ	163.3080, 23.8810, 35.2810

Conversions

Conversions Part 2

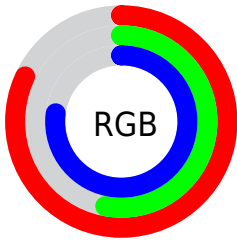
Format	Color
R_{YB}	208, 134, 197
Decimal	13665989
CIE _{Lab}	65.35, 37.97, -21.06
CIE _{LCh}	65, 43.420, 330.990
Yxy	34.4913, 0.3275, 0.2531
Android (android.graphics.Color)	4291856069 (0xFFD086C5)
YUV	163.3080, 16.6102, 39.1949
Hunter-Lab	58.7293, 32.8651, -16.5707

Details

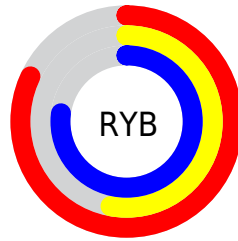
The YIQ color **163.3080, 23.8810, 35.2810** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **178.6920, -23.8810, -35.2810**, and the grayscale version is **163.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **215.5570, 18.7460, 34.7300**, and **109.8840, 22.1390, 33.8110** is the 20% darker color. If you saturate the color by 10%, you get **150.6390, 30.6190, 45.3310**, and if you desaturate by 10%, it is **175.9770, 17.1430, 25.2310**.

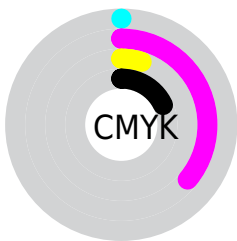
Distribution



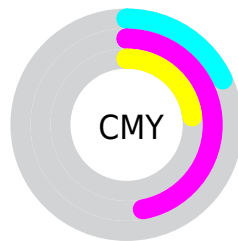
- Red (82%)
- Green (53%)
- Blue (77%)



- Red (82%)
- Yellow (53%)
- Blue (77%)



- Cyan (0%)
- Magenta (36%)
- Yellow (5%)
- Black (18%)



- Cyan (18%)
- Magenta (47%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 163.3080, 23.8810, 35.2810 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 163.3080, 23.8810, 35.2810 by changing the saturation by 10% instead.

163.3080, 23.8810,
35.2810

163.3080, 23.8810,
35.2810

255.0000, -0.0000,
-0.0000

136.5960, 23.0100,
34.5460

215.5570, 18.7460,
34.7300

109.8840, 22.1390,
33.8110

232.1070, 10.7250,
20.3970

85.0580, 21.5890,
32.7650

249.1300, 2.7500,
5.2300

59.5740, 20.0760,
32.6520

32.3400, 20.8550,
35.0550

20.1940, 15.0340,
24.9060

10.3250, 6.8750,

13.0750

■ 0.0000, 0.0000,
0.0000

■ 163.3080, 23.8810,
35.2810

■ 163.3080, 23.8810,
35.2810

■ 150.6390, 30.6190,
45.3310

■ 175.9770, 17.1430,
25.2310

■ 137.9700, 37.3570,
55.3810

■ 188.6460, 10.4050,
15.1810

■ 125.8880, 43.8200,
64.9080

■ 200.7280, 3.9420,
5.6540

■ 113.2190, 50.5580,
74.9580

■ 213.3970, -2.7960,
-4.3960

■ 100.5500, 57.2960,
85.0080

■ 226.1800, -9.8550,
-14.1350

87.7670, 64.3550,
94.7470

236.5010,
-15.4930, -22.0930

82.3700, 67.1510,
99.1430

236.8430,
-16.4560, -21.1600

237.1850,
-17.4190, -20.2270

237.5270,
-18.3820, -19.2940

Harmonies

Analogous

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



161.5620, -15.1810, 27.3390



163.3080, 23.8810, 35.2810



161.4450, 51.1160, 31.7880

Triad

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



163.3080, 23.8810, 35.2810



155.2840, 39.3420, -19.1700



126.9440, -112.1870, -31.8270

Complementary

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



163.3080, 23.8810, 35.2810



178.6920, -23.8810, -35.2810

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.



123.1990, -100.2640, -44.1680



163.3080, 23.8810, 35.2810



151.0350, 8.9460, -29.9820

Square

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



163.3080, 23.8810, 35.2810



158.0020, 58.4120, -1.3320



143.9130, -31.8130, -34.7010



126.7280, -119.8460, -19.6700

Rectangle

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



163.3080, 23.8810, 35.2810



159.9650, 60.9750, 23.8150



143.9130, -31.8130, -34.7010



126.1630, -108.6100, -36.0820

Sweetspot

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



163.3080, 23.8810, 35.2810



238.1080, 8.9840, 13.4000



145.4260, -17.7940, 25.1340



117.6790, 5.6380, 7.9580



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.



163.3080, 23.8810, 35.2810



188.6060, 35.3860, 52.5540



159.2040, 35.4370, 24.0850



98.3150, 3.6670, 5.1310



66.5340, 54.2250, 80.0890



16.2490, 13.2010, 19.5770

Inverse Universe

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



163.3080, 23.8810, 35.2810



188.6060, 35.3860, 52.5540



182.7960, -35.4370, -24.0850



98.3150, 3.6670, 5.1310



66.5340, 54.2250, 80.0890



16.2490, 13.2010, 19.5770

Previews

White Background



This preview shows how the YIQ color 163.3080, 23.8810, 35.2810 looks on a white background.

Color Contrast Check

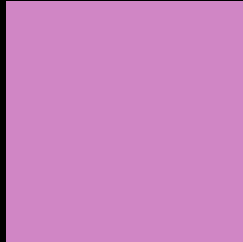
Large Text (above 18pt) WCAG AA × Fail

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 163.3080, 23.8810, 35.2810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

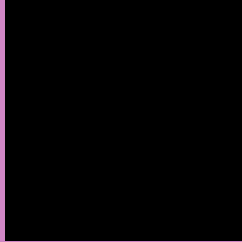
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 163.3080, 23.8810, 35.2810

Background



This preview shows how black text looks on a background with the YIQ color 163.3080, 23.8810, 35.2810.



This preview shows how white text looks on a background with the YIQ color 163.3080, 23.8810,

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

163.3080, 23.8810, 35.2810

Protanopia

159.3120, -26.6410, 14.7590

Deuteranopia

160.5170, -11.2810, 11.7190



Tritanopia

162.0800, 32.5500, 15.8300

Trichromacy



Original Color

163.3080, 23.8810, 35.2810



Protanomaly

161.1080, -8.2110, 22.1650



Deuteranomaly

161.6160, 1.9220, 20.2420



Tritanomaly

162.7410, 29.4310, 22.7990

Monochromacy



Original Color

163.3080, 23.8810, 35.2810



Achromatopsia

163.0000, -0.0000, -0.0000



Achromatomaly

162.6950, 8.7090, 12.8770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 163.3080, 23.8810, 35.2810 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(208, 134, 197)` looks like.

```
.text, #text, p{  
    color:rgb(208, 134, 197)  
}
```

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(208, 134, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 134, 197) }
```

Border

The CSS property to change the border of an element to YIQ 163.3080, 23.8810, 35.2810 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(208, 134, 197) }
```


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

```
.border{ border-color:rgb(208, 134, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 134, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 134, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 134, 197);  
box-shadow:4px 4px 4px 4px rgb(208, 134,  
197) }
```

Background

The CSS property to change the background color of an element to YIQ 163.3080, 23.8810, 35.2810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 134, 197) }
```

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

```
.background{ background-color: rgb(208,  
134, 197) }
```

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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