

Converting Colors

YIQ(163.1570, 25.6240, 31.2240)

Have a look what the booklet for
YIQ(163.1570, 25.6240, 31.2240)
contains.

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Color

**YIQ(163.1570, 25.6240,
31.2240)**

Conversions

Conversions Part 1

Format	Color
Hex	CF88BC
RGB	207, 136, 188
RGB Percent	81%, 53%, 74%
CMY	0.1880, 0.4668, 0.2627
CMYK	0.00, 0.34, 0.09, 0.19
HSL	316°, 43%, 67%
HSV	316°, 34%, 81%
XYZ	43.6252, 34.5043, 51.9465
YIQ	163.1570, 25.6240, 31.2240

Conversions

Conversions Part 2

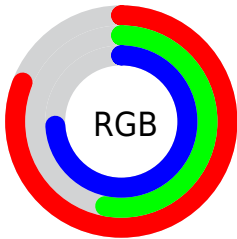
Format	Color
R_{YB}	207, 136, 188
Decimal	13600956
CIE _{Lab}	65.36, 34.99, -16.00
CIE _{LCh}	65, 38.479, 335.430
Yxy	34.5043, 0.3354, 0.2653
Android (android.graphics.Color)	4291791036 (0xFFCF88BC)
YUV	163.1570, 12.2476, 38.4503
Hunter-Lab	58.7403, 29.7727, -11.3144

Details

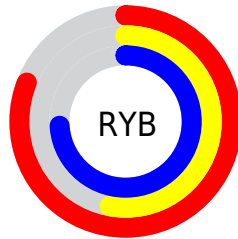
The YIQ color **163.1570, 25.6240, 31.2240** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **179.8430, -25.6240, -31.2240**, and the grayscale version is **163.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **215.5910, 21.4060, 30.5740**, and **110.4340, 23.2860, 29.5420** is the 20% darker color. If you saturate the color by 10%, you get **150.1460, 33.3250, 40.3410**, and if you desaturate by 10%, it is **176.1680, 17.9230, 22.1070**.

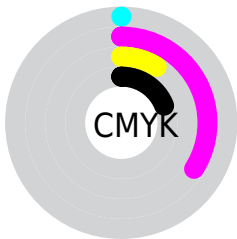
Distribution



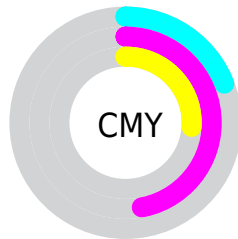
- Red (81%)
- Green (53%)
- Blue (74%)



- Red (81%)
- Yellow (53%)
- Blue (74%)



- Cyan (0%)
- Magenta (34%)
- Yellow (9%)
- Black (19%)



- Cyan (19%)
- Magenta (47%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 163.1570, 25.6240, 31.2240 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 163.1570, 25.6240, 31.2240 by changing the saturation by 10% instead.

163.1570, 25.6240,
31.2240

163.1570, 25.6240,
31.2240

255.0000, -0.0000,
-0.0000

136.4450, 24.7530,
30.4890

215.5910, 21.4060,
30.5740

110.7330, 23.8820,
29.7540

233.2810, 10.1750,
19.3510

85.0210, 23.0110,
29.0190

250.3040, 2.2000,
4.1840

60.4230, 21.8190,
28.5950

34.4770, 21.7270,
30.2630

19.5100, 16.9600,
23.0400

9.2280, 8.5260,

10.6860

■ 0.0000, 0.0000,
0.0000

■ 163.1570, 25.6240,
31.2240

■ 163.1570, 25.6240,
31.2240

■ 150.1460, 33.3250,
40.3410

■ 176.1680, 17.9230,
22.1070

■ 137.8360, 40.4300,
49.2460

■ 188.4780, 10.8180,
13.2020

■ 124.8250, 48.1310,
58.3630

■ 201.4890, 3.1170,
4.0850

■ 111.9280, 55.5110,
67.7910

■ 214.3860, -4.2630,
-5.3430

■ 98.9170, 63.2120,
76.9080

■ 227.3970,
-11.9640, -14.4600

■ 86.6070, 70.3170,
85.8130

■ 236.7720,
-17.6940, -20.7500

■ 79.2210, 74.5800,
91.1560

■ 237.4560,
-19.6200, -18.8840

■ 238.0260,
-21.2250, -17.3290

■ 238.7100,
-23.1510, -15.4630

Harmonies

Analogous

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



161.9280, -7.5240, 26.2360



163.1570, 25.6240, 31.2240



161.4290, 48.0450, 26.8690

Triad

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



163.1570, 25.6240, 31.2240



155.8040, 32.0060, -18.3780



125.8840, -111.9580, -30.4700

Complementary

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



163.1570, 25.6240, 31.2240



179.8430, -25.6240, -31.2240

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.



133.6580, -79.2670, -33.7230



163.1570, 25.6240, 31.2240



151.3920, 3.6270, -27.1970

Square

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



163.1570, 25.6240, 31.2240



158.3430, 50.0220, -3.4660



145.8360, -32.9140, -31.2660



139.0370, -89.6790, -10.2150

Rectangle

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



163.1570, 25.6240, 31.2240



160.2800, 55.4740, 18.8820



145.8360, -32.9140, -31.2660



124.6300, -108.4270, -33.8910

Sweetspot

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



163.1570, 25.6240, 31.2240



239.5270, 9.1220, 10.8980



149.7750, -11.4670, 26.1090



118.0380, 6.0050, 6.8130



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.



163.1570, 25.6240, 31.2240



190.1730, 37.8630, 46.2070



159.1670, 36.8590, 20.3390



98.2010, 3.9880, 4.8200



64.2540, 60.6450, 73.8690



15.6790, 14.8060, 18.0220

Inverse Universe

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



163.1570, 25.6240, 31.2240



190.1730, 37.8630, 46.2070



183.8330, -36.8590, -20.3390



98.2010, 3.9880, 4.8200



64.2540, 60.6450, 73.8690



15.6790, 14.8060, 18.0220

Previews

White Background



This preview shows how the YIQ color 163.1570, 25.6240, 31.2240 looks on a white background.

Color Contrast Check

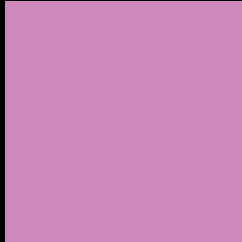
Large Text (above 18pt) WCAG AA × Fail

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 163.1570, 25.6240, 31.2240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

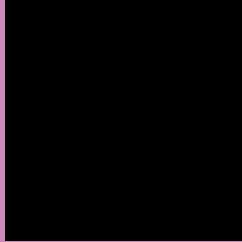
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 163.1570, 25.6240, 31.2240

Background



This preview shows how black text looks on a background with the YIQ color 163.1570, 25.6240, 31.2240.



This preview shows how white text looks on a background with the YIQ color 163.1570, 25.6240,

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

163.1570, 25.6240, 31.2240

Protanopia

159.5530, -20.1300, 12.3980

Deuteranopia

160.5130, -5.4580, 10.8140



Tritanopia

162.0800, 32.5500, 15.8300

Trichromacy



Original Color

163.1570, 25.6240, 31.2240

Protanomaly

160.5660, -3.8090, 19.4790

Deuteranomaly

161.3020, 5.6820, 18.1780

Tritanomaly

162.1000, 29.7980, 21.6540

Monochromacy



Original Color

163.1570, 25.6240, 31.2240

Achromatopsia

163.0000, -0.0000, -0.0000

Achromatomaly

162.9400, 9.3970, 11.4210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 163.1570, 25.6240, 31.2240 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(207, 136, 188)` looks like.

```
.text, #text, p{  
    color:rgb(207, 136, 188)  
}
```

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(207, 136, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 136, 188) }
```

Border

The CSS property to change the border of an element to YIQ 163.1570, 25.6240, 31.2240 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(207, 136, 188) }
```


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

```
.border{ border-color:rgb(207, 136, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 136, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 136, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 136, 188); box-shadow:4px 4px 4px 4px rgb(207, 136, 188) }
```

Background

The CSS property to change the background color of an element to YIQ 163.1570, 25.6240, 31.2240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 136, 188) }
```

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

```
.background{ background-color: rgb(207,  
136, 188) }
```

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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