

Converting Colors

YIQ(161.9530, 8.5230, 27.2670)

Have a look what the booklet for
YIQ(161.9530, 8.5230, 27.2670)
contains.

YIQ(161.9530, 8.5230, 27.2670)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(161.9530, 8.5230,
27.2670)**

Conversions

Conversions Part 1

Format	Color
Hex	BB8EC7
RGB	187, 142, 199
RGB Percent	73%, 56%, 78%
CMY	0.2665, 0.4432, 0.2196
CMYK	0.06, 0.29, 0.00, 0.22
HSL	287°, 34%, 67%
HSV	287°, 29%, 78%
XYZ	40.4811, 34.0332, 58.4667
YIQ	161.9530, 8.5230, 27.2670

Conversions

Conversions Part 2

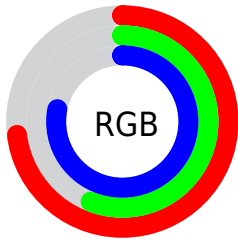
Format	Color
R _Y B	187, 142, 199
Decimal	12291783
CIE Lab	64.99, 27.10, -22.92
CIE LCh	65, 35.496, 319.773
Yxy	34.0332, 0.3044, 0.2559
Android (android.graphics.Color)	4290481863 (0xFFBB8EC7)
YUV	161.9530, 18.2642, 21.9662
Hunter-Lab	58.3380, 21.7709, -18.5842

Details

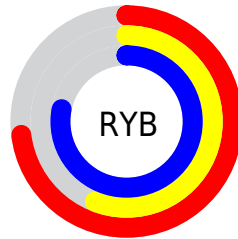
The YIQ color **161.9530, 8.5230, 27.2670** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **179.0470, -8.5230, -27.2670**, and the grayscale version is **162.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **217.0780, 9.6690, 28.5250**, and **109.7140, 7.6980, 25.6980** is the 20% darker color. If you saturate the color by 10%, you get **149.0170, 11.6390, 36.8790**, and if you desaturate by 10%, it is **174.8890, 5.4070, 17.6550**.

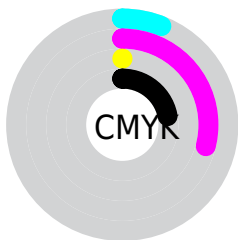
Distribution



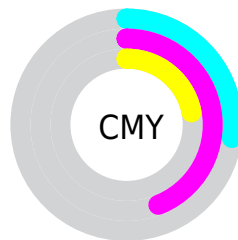
- Red (73%)
- Green (56%)
- Blue (78%)



- Red (73%)
- Yellow (56%)
- Blue (78%)



- Cyan (6%)
- Magenta (29%)
- Yellow (0%)
- Black (22%)



- Cyan (27%)
- Magenta (44%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 161.9530, 8.5230, 27.2670 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 161.9530, 8.5230, 27.2670 by changing the saturation by 10% instead.

■ 161.9530, 8.5230,
27.2670

■ 161.9530, 8.5230,
27.2670

■ 255.0000, -0.0000,
-0.0000

■ 135.5400, 8.2480,
26.7440

■ 217.0780, 9.6690,
28.5250

■ 109.7140, 7.6980,
25.6980

■ 236.8030, 8.5250,
16.2130

■ 84.8880, 7.1480,
24.6520

■ 253.8260, 0.5500,
1.0460

■ 61.0620, 6.5980,
23.6060

■ 37.6490, 6.3230,
23.0830

■ 16.2360, 6.0480,
22.5600

■ 2.9640, -8.3460,

8.0860

■ 0.0000, 0.0000,
0.0000

■ 161.9530, 8.5230,
27.2670

■ 161.9530, 8.5230,
27.2670

■ 149.0170, 11.6390,
36.8790

■ 174.8890, 5.4070,
17.6550

■ 136.0810, 14.7550,
46.4910

■ 187.8250, 2.2910,
8.0430

■ 123.1450, 17.8710,
56.1030

■ 201.0600, -0.2290,
-1.3570

■ 109.9100, 20.3910,
65.5030

■ 213.9960, -3.3450,
-10.9690

■ 96.9740, 23.5070,
75.1150

■ 226.3450, -6.1860,
-20.0580

■ 84.6250, 26.3480,
84.2040

■ 235.7590, -7.6520,
-26.5320

■ 71.6890, 29.4640,
93.8160

■ 236.9550, -5.2680,
-25.6840

■ 69.6290, 29.6930,
95.1730

■ 238.1510, -2.8840,
-24.8360

■ 239.6460, 0.0960,
-23.7760

Harmonies

Analogous

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



158.2030, -24.7160, 18.4200



161.9530, 8.5230, 27.2670



161.4260, 34.9320, 27.7320

Triad

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



161.9530, 8.5230, 27.2670



156.2660, 39.7530, -10.0950



132.8840, -85.5950, -29.1710

Complementary

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



161.9530, 8.5230, 27.2670



179.0470, -8.5230, -27.2670

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.



142.5880, -46.7150, -28.9470



161.9530, 8.5230, 27.2670



153.0950, 17.8850, -21.2750

Square

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



161.9530, 8.5230, 27.2670



158.3960, 51.6710, 5.1990



149.1930, -11.8700, -27.1820



134.5110, -91.3740, -18.0460

Rectangle

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



161.9530, 8.5230, 27.2670



160.4240, 46.4410, 22.8970



149.1930, -11.8700, -27.1820



136.4140, -72.5280, -29.2000

Sweetspot

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



161.9530, 8.5230, 27.2670



240.0040, 3.3450, 10.9690



155.5420, -21.5970, 11.4510



118.2980, 2.3370, 7.2090



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.



161.9530, 8.5230, 27.2670



198.5490, 13.1970, 41.6850



163.7170, 20.8110, 24.8350



93.1190, 1.2830, 4.2830



57.1530, 24.5610, 78.0410



12.4760, 5.1320, 17.1320

Inverse Universe

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



160.4110, 30.1200, 15.8160



196.0650, 46.0740, 24.0420



177.2830, -20.8110, -24.8350



92.9190, 4.7220, 2.5300



52.6130, 86.2340, 45.1300



11.5620, 19.2090, 9.8090

Previews

White Background



This preview shows how the YIQ color 161.9530, 8.5230, 27.2670 looks on a white background.

Color Contrast Check

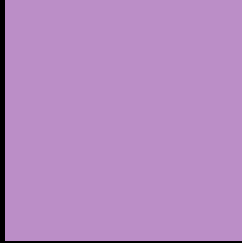
Large Text (above 18pt) WCAG AA × Fail

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 161.9530, 8.5230, 27.2670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

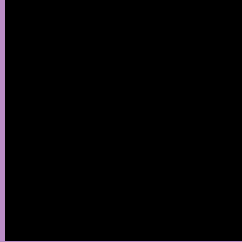
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 161.9530, 8.5230, 27.2670

Background



This preview shows how black text looks on a background with the YIQ color 161.9530, 8.5230, 27.2670.



This preview shows how white text looks on a background with the YIQ color 161.9530, 8.5230,

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

161.9530, 8.5230, 27.2670

Protanopia

158.1550, -24.7610, 13.7270

Deuteranopia

159.4890, -14.0780, 12.8500



Tritanopia

159.9360, 15.2200, 10.5160

Trichromacy



Original Color

161.9530, 8.5230, 27.2670

Protanomaly

159.5480, -12.5660, 18.4900

Deuteranomaly

160.2560, -5.8720, 18.3200

Tritanomaly

160.3690, 12.7430, 16.8630

Monochromacy



Original Color

161.9530, 8.5230, 27.2670

Achromatopsia

162.0000, -0.0000, 0.0000

Achromatomaly

162.0640, 3.1160, 9.6120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 161.9530, 8.5230, 27.2670 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(187, 142, 199)` looks like.

```
.text, #text, p{  
    color:rgb(187, 142, 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(187, 142, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 142, 199) }
```

Border

The CSS property to change the border of an element to YIQ 161.9530, 8.5230, 27.2670 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(187, 142, 199) }
```


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

```
.border{ border-color:rgb(187, 142, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 142, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 142, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 142, 199);  
box-shadow:4px 4px 4px 4px rgb(187, 142,  
199) }
```

Background

The CSS property to change the background color of an element to YIQ 161.9530, 8.5230, 27.2670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 142, 199) }
```

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

```
.background{ background-color: rgb(187,  
142, 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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