

Converting Colors

YIQ(161.9700, 9.8530, 25.1890)

Have a look what the booklet for
YIQ(161.9700, 9.8530, 25.1890)
contains.

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Color

**YIQ(161.9700, 9.8530,
25.1890)**

Conversions

Conversions Part 1

Format	Color
Hex	BB8FC2
RGB	187, 143, 194
RGB Percent	73%, 56%, 76%
CMY	0.2665, 0.4393, 0.2392
CMYK	0.04, 0.26, 0.00, 0.24
HSL	292°, 29%, 66%
HSV	292°, 26%, 76%
XYZ	40.0593, 34.1036, 55.5102
YIQ	161.9700, 9.8530, 25.1890

Conversions

Conversions Part 2

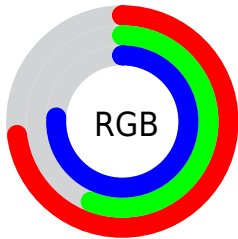
Format	Color
R_{YB}	187, 143, 194
Decimal	12292034
CIE _{Lab}	65.04, 25.55, -20.04
CIE _{LCh}	65, 32.470, 321.890
Yxy	34.1036, 0.3089, 0.2630
Android (android.graphics.Color)	4290482114 (0xFFBB8FC2)
YUV	161.9700, 15.7908, 21.9513
Hunter-Lab	58.3983, 20.2481, -15.4789

Details

The YIQ color $161.9700, 9.8530, 25.1890$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $175.0300, -9.8530, -25.1890$, and the grayscale version is $162.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $217.2090, 10.6780, 26.7580$, and $109.7310, 9.0280, 23.6200$ is the 20% darker color. If you saturate the color by 10%, you get $149.9200, 13.2900, 34.4900$, and if you desaturate by 10%, it is $174.0200, 6.4160, 15.8880$.

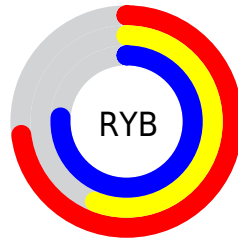
Distribution



Red (73%)

Green (56%)

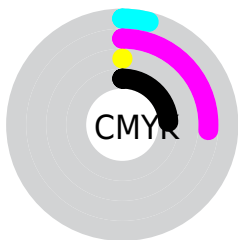
Blue (76%)



Red (73%)

Yellow (56%)

Blue (76%)

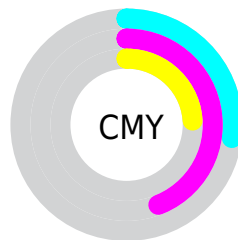


Cyan (4%)

Magenta (26%)

Yellow (0%)

Black (24%)



Cyan (27%)

Magenta (44%)


Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 161.9700, 9.8530, 25.1890 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 161.9700, 9.8530, 25.1890 by changing the saturation by 10% instead.


 161.9700, 9.8530,
25.1890

 161.9700, 9.8530,
25.1890


255.0000, -0.0000,
-0.0000

 135.5570, 9.5780,
24.6660

 217.2090, 10.6780,
26.7580


 109.7310, 9.0280,
23.6200

 237.3900, 8.2500,
15.6900

 85.0190, 8.1570,
22.8850

254.4130, 0.2750,
0.5230

 61.4920, 8.2030,
22.0510

 38.6660, 7.6530,
21.0050

 15.7800, 7.3320,
21.3160

 2.6220, -7.3830,

7.1530

■ 0.0000, 0.0000,
0.0000

■ 161.9700, 9.8530,
25.1890

■ 161.9700, 9.8530,
25.1890

■ 149.9200, 13.2900,
34.4900

■ 174.0200, 6.4160,
15.8880

■ 137.5820, 17.5980,
44.5260

■ 186.3580, 2.1080,
5.8520

■ 125.5320, 21.0350,
53.8270

■ 198.4080, -1.3290,
-3.4490

■ 112.8950, 24.7470,
63.6510

■ 211.0450, -5.0410,
-13.2730

■ 101.1440, 28.7800,
73.1640

■ 222.7960, -9.0740,
-22.7860

89.0940, 32.2170,
82.4650

232.4980,
-11.4110, -29.9950

76.4570, 35.9290,
92.2890

233.3950, -9.6230,
-29.3590

72.3480, 37.8540,
95.9500

233.9930, -8.4310,
-28.9350

234.8900, -6.6430,
-28.2990

Harmonies

Analogous

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



158.8290, -20.7270, 17.7130



161.9700, 9.8530, 25.1890



161.3610, 33.5570, 25.1170

Triad

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



161.9700, 9.8530, 25.1890



156.5260, 36.0850, -9.6990



138.5870, -71.3370, -23.2490

Complementary

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



161.9700, 9.8530, 25.1890



175.0300, -9.8530, -25.1890

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.



144.5500, -43.5520, -25.6960



161.9700, 9.8530, 25.1890



154.0670, 15.0880, -20.1440

Square

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



161.9700, 9.8530, 25.1890



159.0040, 46.9030, 3.5030



149.4750, -12.6040, -24.8920



141.7690, -74.3650, -12.4210

Rectangle

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



161.9700, 9.8530, 25.1890



160.8750, 43.5530, 20.1690



149.4750, -12.6040, -24.8920



140.5400, -63.9550, -24.8750

Sweetspot

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



161.9700, 9.8530, 25.1890



239.6620, 4.3080, 10.0360



153.5100, -18.5710, 11.6770



119.7710, 2.3830, 6.3750



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.



161.9700, 9.8530, 25.1890



201.7510, 15.4440, 39.5080



162.0110, 19.8030, 21.0750



90.8310, 2.1540, 5.0180



59.9150, 31.1630, 79.5390



12.4330, 6.6910, 16.4110

Inverse Universe

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



159.0470, 28.1490, 12.9890



197.1740, 44.1490, 20.3810



174.9890, -19.8030, -21.0750



90.2180, 5.3180, 2.7420



50.6470, 88.8940, 40.9740



10.4370, 18.0630, 8.5510

Previews

White Background



This preview shows how the YIQ color 161.9700, 9.8530, 25.1890 looks on a white background.

Color Contrast Check

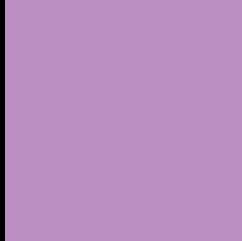
Large Text (above 18pt) WCAG AA × Fail

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 161.9700, 9.8530, 25.1890 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 161.9700, 9.8530, 25.1890

Background



This preview shows how black text looks on a background with the YIQ color 161.9700, 9.8530, 25.1890.



This preview shows how white text looks on a background with the YIQ color 161.9700, 9.8530,

25.1890.

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

161.9700, 9.8530, 25.1890

Protanopia

158.3680, -21.0470, 12.4970

Deuteranopia

159.8160, -10.6850, 11.9310



Tritanopia

160.2350, 15.8160, 10.7280

Trichromacy



Original Color

161.9700, 9.8530, 25.1890

Protanomaly

159.5760, -9.7690, 17.3590

Deuteranomaly

160.8710, -3.3500, 16.6660

Tritanomaly

161.0270, 13.7060, 15.9300

Monochromacy



Original Color

161.9700, 9.8530, 25.1890

Achromatopsia

162.0000, -0.0000, 0.0000

Achromatomaly

161.9500, 3.4370, 9.3010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 161.9700, 9.8530, 25.1890 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, 143, 194)` looks like.

```
.text, #text, p{  
    color:rgb(187, 143, 194)  
}
```

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, 143, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 143, 194) }
```

Border

The CSS property to change the border of an element to YIQ 161.9700, 9.8530, 25.1890 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, 143, 194) }
```


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

```
.border{ border-color:rgb(187, 143, 194) }
```

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

Here you see how a box with a 4 pixel rgb(187, 143, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 143, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 143, 194);  
box-shadow:4px 4px 4px 4px rgb(187, 143,  
194) }
```

Background

The CSS property to change the background color of an element to YIQ 161.9700, 9.8530, 25.1890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 143, 194) }
```

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

```
.background{ background-color: rgb(187,  
143, 194) }
```

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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