

Converting Colors

YIQ(154.3100, 20.3990, 21.2870)

Have a look what the booklet for
YIQ(154.3100, 20.3990, 21.2870)
contains.

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Color

**YIQ(154.3100, 20.3990,
21.2870)**

Conversions

Conversions Part 1

Format	Color
Hex	BB87A8
RGB	187, 135, 168
RGB Percent	73%, 53%, 66%
CMY	0.2665, 0.4707, 0.3411
CMYK	0.00, 0.28, 0.10, 0.27
HSL	322°, 28%, 63%
HSV	322°, 28%, 73%
XYZ	36.2327, 30.7190, 41.0724
YIQ	154.3100, 20.3990, 21.2870

Conversions

Conversions Part 2

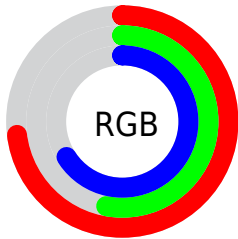
Format	Color
R _Y B	187, 135, 168
Decimal	12289960
CIE Lab	62.27, 25.17, -9.56
CIE LCh	62, 26.926, 339.202
Yxy	30.7190, 0.3354, 0.2844
Android (android.graphics.Color)	4290480040 (0xFFBB87A8)
YUV	154.3100, 6.7492, 28.6691
Hunter-Lab	55.4247, 19.6971, -5.1394

Details

The YIQ color $154.3100, 20.3990, 21.2870$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $167.6900, -20.3990, -21.2870$, and the grayscale version is $154.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $209.3210, 21.8660, 22.2340$, and $102.8860, 18.6570, 19.8170$ is the 20% darker color. If you saturate the color by 10%, you get $142.3590, 27.8710, 29.0470$, and if you desaturate by 10%, it is $166.2610, 12.9270, 13.5270$.

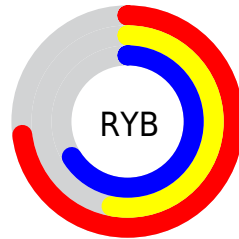
Distribution



Red (73%)

Green (53%)

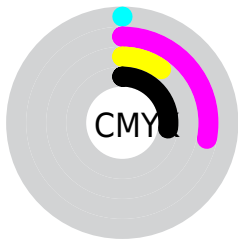
Blue (66%)



Red (73%)

Yellow (53%)

Blue (66%)

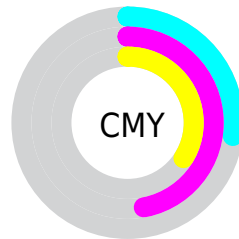


Cyan (0%)

Magenta (28%)

Yellow (10%)

Black (27%)



Cyan (27%)


Magenta (47%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 154.3100, 20.3990, 21.2870 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 154.3100, 20.3990, 21.2870 by changing the saturation by 10% instead.


 154.3100, 20.3990,
21.2870


 154.3100, 20.3990,
21.2870


255.0000, -0.0000,
-0.0000


 128.0110, 19.8030,
21.0750


 209.3210, 21.8660,
22.2340


 102.8860, 18.6570,
19.8170


 232.3520, 11.4130,
18.9410

 78.1740, 17.7860,
19.0820

 249.1300, 2.7500,
5.2300

 54.5760, 16.5940,
18.6580

 31.3910, 15.6770,
18.7570

 14.2120, 14.6230,
15.8310

 0.0000, 0.0000,

0.0000

154.3100, 20.3990,
21.2870

154.3100, 20.3990,
21.2870

142.3590, 27.8710,
29.0470

166.2610, 12.9270,
13.5270

130.9950, 35.0680,
36.2840

177.6250, 5.7300,
6.2900

119.1580, 42.2190,
44.3550

189.5760, -1.7420,
-1.4700

107.2070, 49.6910,
52.1150

201.4130, -8.8930,
-9.5410

95.2560, 57.1630,
59.8750

213.3640,
-16.3650, -17.3010

83.8920, 64.3600,
67.1120

224.7280,
-23.5620, -24.5380

71.9410, 71.8320,
74.8720

230.2220,
-28.0090, -26.5450

69.4790, 73.2530,
76.6530

231.0200,
-30.2560, -24.3680

231.8180,
-32.5030, -22.1910

Harmonies

Analogous

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



153.5230, -2.2500, 18.7580



154.3100, 20.3990, 21.2870



153.6890, 35.2090, 17.2010

Triad

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



154.3100, 20.3990, 21.2870



148.2190, 20.7720, -13.0200



138.0390, -57.6300, -12.8460

Complementary

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



154.3100, 20.3990, 21.2870



167.6900, -20.3990, -21.2870

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.



138.6840, -46.6250, -19.5610



154.3100, 20.3990, 21.2870



145.6940, 0.1410, -19.0830

Square

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



154.3100, 20.3990, 21.2870



150.4430, 35.1210, -3.2390



141.9500, -24.0670, -20.8910



143.6800, -48.8290, -1.6370

Rectangle

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



154.3100, 20.3990, 21.2870



152.4520, 40.0700, 11.7020



141.9500, -24.0670, -20.8910



137.5290, -56.2540, -15.7580

Sweetspot

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



154.3100, 20.3990, 21.2870



230.0490, 7.4720, 7.7600



146.3100, -5.9640, 19.9880



114.5000, 4.5840, 5.0320



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



154.3100, 20.3990, 21.2870



191.7340, 31.3090, 32.8210



151.4600, 28.4240, 13.5120



88.3750, 3.4380, 3.7740



58.6420, 62.0680, 64.5960



11.4350, 12.3770, 12.4810

Inverse Universe

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



154.3100, 20.3990, 21.2870



191.7340, 31.3090, 32.8210



170.5400, -28.4240, -13.5120



88.3750, 3.4380, 3.7740



58.6420, 62.0680, 64.5960



11.4350, 12.3770, 12.4810

Previews

White Background



This preview shows how the YIQ color 154.3100, 20.3990, 21.2870 looks on a white background.

Color Contrast Check

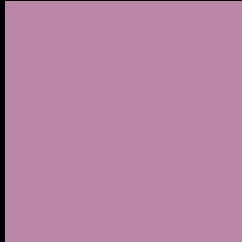
Large Text (above 18pt) WCAG AA × Fail

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 154.3100, 20.3990, 21.2870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

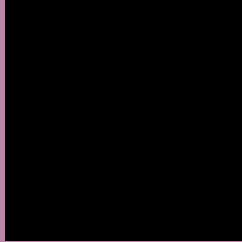
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 154.3100, 20.3990, 21.2870

Background



This preview shows how black text looks on a background with the YIQ color 154.3100, 20.3990, 21.2870.



This preview shows how white text looks on a background with the YIQ color 154.3100, 20.3990,

21.2870.

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

154.3100, 20.3990, 21.2870

Protanopia

151.5830, -11.6470, 7.3370

Deuteranopia

152.7540, 1.0530, 8.4530



Tritanopia

153.3070, 24.4810, 13.3850

Trichromacy



Original Color

154.3100, 20.3990, 21.2870

Protanomaly

152.7910, -0.3690, 12.1990

Deuteranomaly

153.5100, 7.7920, 12.9760

Tritanomaly

153.8170, 23.1050, 16.2970

Monochromacy



Original Color

154.3100, 20.3990, 21.2870

Achromatopsia

154.0000, -0.0000, -0.0000

Achromatomaly

154.0490, 7.4720, 7.7600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 154.3100, 20.3990, 21.2870 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, 135, 168)` looks like.

```
.text, #text, p{  
    color:rgb(187, 135, 168)  
}
```

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, 135, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 135, 168) }
```

Border

The CSS property to change the border of an element to YIQ 154.3100, 20.3990, 21.2870 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, 135, 168) }
```


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

```
.border{ border-color:rgb(187, 135, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 135, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 135, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 135, 168);  
box-shadow:4px 4px 4px 4px rgb(187, 135,  
168) }
```

Background

The CSS property to change the background color of an element to YIQ 154.3100, 20.3990, 21.2870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 135, 168) }
```

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

```
.background{ background-color: rgb(187,  
135, 168) }
```

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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