

Converting Colors

YIQ(142.6300, 16.5020, 20.3260)

Have a look what the booklet for
YIQ(142.6300, 16.5020, 20.3260)
contains.

YIQ(142.6300, 16.5020, 20.3260)	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(142.6300, 16.5020,
20.3260)**

Conversions

Conversions Part 1

Format	Color
Hex	AB7D9F
RGB	171, 125, 159
RGB Percent	67%, 49%, 62%
CMY	0.3293, 0.5099, 0.3764
CMYK	0.00, 0.27, 0.07, 0.33
HSL	316°, 22%, 58%
HSV	316°, 27%, 67%
XYZ	30.3919, 25.8276, 36.1888
YIQ	142.6300, 16.5020, 20.3260

Conversions

Conversions Part 2

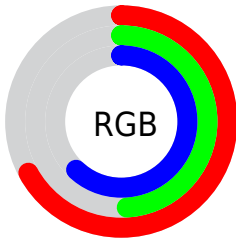
Format	Color
R_{YB}	171, 125, 159
Decimal	11238815
CIE _{Lab}	57.87, 23.49, -11.17
CIE _{LCh}	58, 26.011, 334.567
Yxy	25.8276, 0.3289, 0.2795
Android (android.graphics.Color)	4289428895 (0xFFAB7D9F)
YUV	142.6300, 8.0704, 24.8805
Hunter-Lab	50.8208, 17.8102, -6.6450

Details

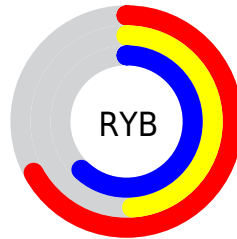
The YIQ color **142.6300, 16.5020, 20.3260** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **153.3700, -16.5020, -20.3260**, and the grayscale version is **143.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **196.7550, 17.6480, 21.5840**, and **91.6190, 15.0350, 19.3790** is the 20% darker color. If you saturate the color by 10%, you get **132.1950, 22.4610, 27.9730**, and if you desaturate by 10%, it is **153.0650, 10.5430, 12.6790**.

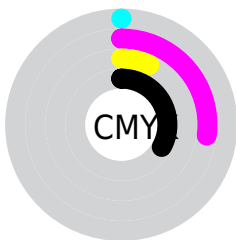
Distribution



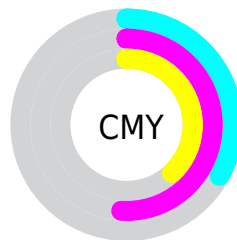
- Red (67%)
- Green (49%)
- Blue (62%)



- Red (67%)
- Yellow (49%)
- Blue (62%)



- Cyan (0%)
- Magenta (27%)
- Yellow (7%)
- Black (33%)




- Cyan (33%)
- Magenta (51%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 142.6300, 16.5020, 20.3260 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 142.6300, 16.5020, 20.3260 by changing the saturation by 10% instead.


 142.6300, 16.5020,
20.3260


 142.6300, 16.5020,
20.3260


255.0000, -0.0000,
-0.0000

 116.9180, 15.6310,
19.5910


 196.7550, 17.6480,
21.5840


 91.6190, 15.0350,
19.3790


 224.7550, 17.6480,
21.5840

 67.7930, 14.4850,
18.3330

 242.6730, 5.7750,
10.9830

 45.0810, 13.6140,
17.5980

 22.4830, 12.4220,
17.1740

 8.8150, 8.2510,
10.1630

 0.0000, 0.0000,

0.0000

■ 142.6300, 16.5020,
20.3260

■ 142.6300, 16.5020,
20.3260

■ 132.1950, 22.4610,
27.9730

■ 153.0650, 10.5430,
12.6790

■ 121.6460, 28.7410,
35.3090

■ 163.6140, 4.2630,
5.3430

■ 111.2110, 34.7000,
42.9560

■ 174.0490, -1.6960,
-2.3040

■ 100.6620, 40.9800,
50.2920

■ 184.5980, -7.9760,
-9.6400

■ 89.6400, 47.2140,
58.4620

■ 195.6200,
-14.2100, -17.8100

■ 79.0910, 53.4940,
65.7980

■ 206.1690,
-20.4900, -25.1460

68.6560, 59.4530,
73.4450

216.6040,
-26.4490, -32.7930

65.4930, 61.4700,
75.4380

223.0440,
-30.8040, -36.4680

223.5000,
-32.0880, -35.2240

Harmonies

Analogous

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



141.5010, -5.1840, 16.8640



142.6300, 16.5020, 20.3260



141.8350, 31.8620, 17.2860

Triad

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



142.6300, 16.5020, 20.3260



137.7570, 22.1930, -11.2390



127.0670, -54.8330, -13.9770

Complementary

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



142.6300, 16.5020, 20.3260



153.3700, -16.5020, -20.3260

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.



128.1360, -42.0860, -19.2220



142.6300, 16.5020, 20.3260



134.6020, 3.3960, -17.5000

Square

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



142.6300, 16.5020, 20.3260



139.3120, 34.1120, -1.4720



131.5160, -19.8490, -20.2410



131.2130, -49.0120, -3.8280

Rectangle

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



142.6300, 16.5020, 20.3260



141.0110, 36.9980, 12.3100



131.5160, -19.8490, -20.2410



126.2690, -52.5860, -16.1540

Sweetspot

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



142.6300, 16.5020, 20.3260



210.8640, 6.5550, 7.8590



133.5330, -8.2100, 16.6380



105.2010, 3.9880, 4.8200



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



142.6300, 16.5020, 20.3260



178.1570, 25.6240, 31.2240



140.0080, 23.8850, 13.1730



81.3750, 3.4380, 3.7740



57.5040, 53.7690, 66.3210



8.8150, 8.2510, 10.1630

Inverse Universe

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



142.6300, 16.5020, 20.3260



178.1570, 25.6240, 31.2240



155.9920, -23.8850, -13.1730



81.3750, 3.4380, 3.7740



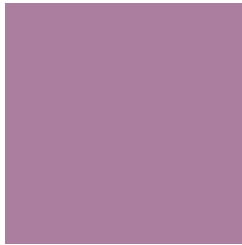
57.5040, 53.7690, 66.3210



8.8150, 8.2510, 10.1630

Previews

White Background



This preview shows how the YIQ color 142.6300, 16.5020, 20.3260 looks on a white background.

Color Contrast Check

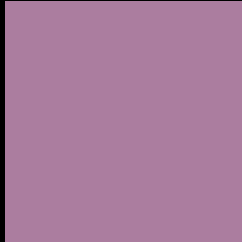
Large Text (above 18pt) WCAG AA ✓ Pass

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 142.6300, 16.5020, 20.3260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

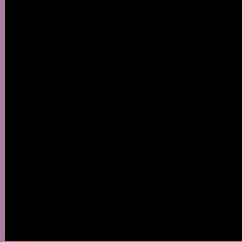
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 142.6300, 16.5020, 20.3260

Background



This preview shows how black text looks on a background with the YIQ color 142.6300, 16.5020, 20.3260.



This preview shows how white text looks on a background with the YIQ color 142.6300, 16.5020,

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

142.6300, 16.5020, 20.3260

Protanopia

139.9250, -12.6100, 8.2700

Deuteranopia

141.0850, -1.3770, 8.4390



Tritanopia

141.8010, 20.0340, 11.3780

Trichromacy



Original Color

142.6300, 16.5020, 20.3260

Protanomaly

140.8340, -1.9280, 12.9200

Deuteranomaly

141.5420, 4.7660, 12.7500

Tritanomaly

142.3110, 18.6580, 14.2900

Monochromacy



Original Color

142.6300, 16.5020, 20.3260

Achromatopsia

143.0000, -0.0000, 0.0000

Achromatomaly

142.5650, 5.9590, 7.6470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.6300, 16.5020, 20.3260 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(171, 125, 159)` looks like.

```
.text, #text, p{  
    color:rgb(171, 125, 159)  
}
```

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(171, 125, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 125, 159) }
```

Border

The CSS property to change the border of an element to YIQ 142.6300, 16.5020, 20.3260 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(171, 125, 159) }
```


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

```
.border{ border-color:rgb(171, 125, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 125, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 125, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 125, 159);  
box-shadow:4px 4px 4px 4px rgb(171, 125,  
159) }
```

Background

The CSS property to change the background color of an element to YIQ 142.6300, 16.5020, 20.3260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 125, 159) }
```

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

```
.background{ background-color: rgb(171,  
125, 159) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor