

Converting Colors

YIQ(99.2620, 20.3540, 16.5940)

Have a look what the booklet for
YIQ(99.2620, 20.3540, 16.5940)
contains.

YIQ(99.2620, 20.3540, 16.5940)	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(99.2620, 20.3540,
16.5940)**

Conversions

Conversions Part 1

Format	Color
Hex	815369
RGB	129, 83, 105
RGB Percent	51%, 33%, 41%
CMY	0.4940, 0.6746, 0.5882
CMYK	0.00, 0.36, 0.19, 0.49
HSL	331°, 22%, 42%
HSV	331°, 36%, 51%
XYZ	14.7005, 11.8734, 14.8860
YIQ	99.2620, 20.3540, 16.5940

Conversions

Conversions Part 2

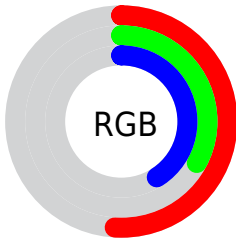
Format	Color
R_{YB}	129, 83, 105
Decimal	8475497
CIE _{Lab}	41.01, 22.64, -4.73
CIE _{LCh}	41, 23.129, 348.197
Yxy	11.8734, 0.3546, 0.2864
Android (android.graphics.Color)	4286665577 (0xFF815369)
YUV	99.2620, 2.8288, 26.0802
Hunter-Lab	34.4578, 15.8508, -1.4932

Details

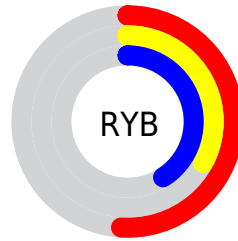
The YIQ color **99.2620, 20.3540, 16.5940** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **112.7380, -20.3540, -16.5940**, and the grayscale version is **99.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **150.5720, 22.4170, 17.7530**, and **51.6530, 17.6950, 15.2230** is the 20% darker color. If you saturate the color by 10%, you get **90.8330, 26.1760, 21.2160**, and if you desaturate by 10%, it is **107.6910, 14.5320, 11.9720**.

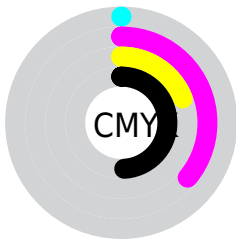
Distribution



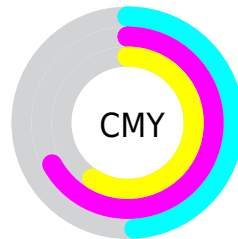
- Red (51%)
- Green (33%)
- Blue (41%)



- Red (51%)
- Yellow (33%)
- Blue (41%)



- Cyan (0%)
- Magenta (36%)
- Yellow (19%)
- Black (49%)



- Cyan (49%)
- Magenta (67%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 99.2620, 20.3540, 16.5940 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 99.2620, 20.3540, 16.5940 by changing the saturation by 10% instead.

■ 99.2620, 20.3540,
16.5940

■ 99.2620, 20.3540,
16.5940

■ 255.0000, -0.0000,
-0.0000

■ 74.6640, 19.1620,
16.1700

■ 150.5720, 22.4170,
17.7530

■ 51.9520, 18.2910,
15.4350

■ 177.8710, 23.0130,
17.9650

■ 29.3540, 17.0990,
15.0110

■ 205.2840, 23.2880,
18.4880

■ 12.4740, 16.6410,
12.2970

■ 229.6960, 16.1360,
15.9440

■ 0.0000, 0.0000,
0.0000

■ 247.9560, 3.3000,
6.2760

99.2620, 20.3540,
16.5940

99.2620, 20.3540,
16.5940

90.8330, 26.1760,
21.2160

107.6910, 14.5320,
11.9720

82.5180, 31.6770,
26.1490

116.0060, 9.0310,
7.0390

74.0890, 37.4990,
30.7710

124.4350, 3.2090,
2.4170

65.6600, 43.3210,
35.3930

132.8640, -2.6130,
-2.2050

57.2310, 49.1430,
40.0150

140.7060, -8.1600,
-6.3040

49.5030, 54.3690,
44.4250


149.0210,
-13.6610, -11.2370

45.6390, 56.9820,
46.6300

157.4500,
-19.4830, -15.8590

165.8790,

-25.3050, -20.4810

 174.3080,
-31.1270, -25.1030

Harmonies

Analogous

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



99.3510, 3.9860, 15.8740



99.2620, 20.3540, 16.5940



98.5910, 29.4330, 11.7450

Triad

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



99.2620, 20.3540, 16.5940



94.2550, 11.9230, -12.3410



85.0400, -50.2030, -9.7790

Complementary

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



99.2620, 20.3540, 16.5940



112.7380, -20.3540, -16.5940

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.



84.3900, -45.6170, -15.8010



99.2620, 20.3540, 16.5940



91.8660, -6.0950, -16.1990

Square

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



99.2620, 20.3540, 16.5940



96.1150, 24.3010, -5.3870



88.1010, -25.8100, -16.8340



91.7910, -35.9000, 0.8360

Rectangle

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



99.2620, 20.3540, 16.5940



97.7990, 31.5430, 6.5430



88.1010, -25.8100, -16.8340



83.9750, -51.5780, -12.3940

Sweetspot

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



99.2620, 20.3540, 16.5940



156.4080, 7.8390, 6.6150



95.4200, -0.4620, 19.3940



76.8590, 4.9510, 3.8870



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



99.2620, 20.3540, 16.5940



121.5180, 31.6770, 26.1490



97.3410, 27.1410, 9.2290



59.4350, 3.2090, 2.4170



45.2260, 56.7070, 46.1070



0.0000, 0.0000, 0.0000

Inverse Universe

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



99.2620, 20.3540, 16.5940



121.5180, 31.6770, 26.1490



114.6590, -27.1410, -9.2290



59.4350, 3.2090, 2.4170



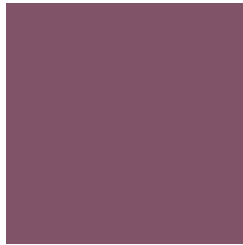
45.2260, 56.7070, 46.1070



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 99.2620, 20.3540, 16.5940 looks on a white background.

Color Contrast Check

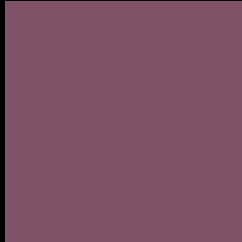
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 99.2620, 20.3540, 16.5940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

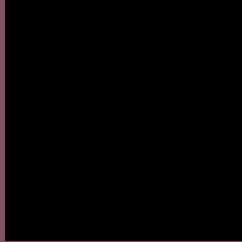
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 99.2620, 20.3540, 16.5940

Background



This preview shows how black text looks on a background with the YIQ color 99.2620, 20.3540, 16.5940.



This preview shows how white text looks on a background with the YIQ color 99.2620, 20.3540,

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

99.2620, 20.3540, 16.5940

Protanopia

97.3400, -6.6490, 4.8630

Deuteranopia

98.0160, 3.0710, 4.9190



Tritanopia

98.6550, 23.3810, 11.2930

Trichromacy



Original Color

99.2620, 20.3540, 16.5940

Protanomaly

97.9500, 3.4370, 9.3010

Deuteranomaly

98.4730, 9.2140, 9.2300

Tritanomaly

98.6380, 22.0510, 13.3710

Monochromacy



Original Color

99.2620, 20.3540, 16.5940

Achromatopsia

99.0000, -0.0000, 0.0000

Achromatomaly

98.9950, 7.5640, 6.0920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.2620, 20.3540, 16.5940 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(129, 83, 105)` looks like.

```
.text, #text, p{  
    color:rgb(129, 83, 105)  
}
```

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(129, 83, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 83, 105) }
```

Border

The CSS property to change the border of an element to YIQ 99.2620, 20.3540, 16.5940 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(129, 83, 105) }
```


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

```
.border{ border-color:rgb(129, 83, 105) }
```

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

Here you see how a box with a 4 pixel rgb(129, 83, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 83, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 83, 105);  
box-shadow:4px 4px 4px 4px rgb(129, 83,  
105) }
```

Background

The CSS property to change the background color of an element to YIQ 99.2620, 20.3540, 16.5940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 83, 105) }
```

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

```
.background{ background-color: rgb(129, 83,  
105) }
```

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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