

Converting Colors

YIQ(100.8490, 20.0790, 16.0710)

Have a look what the booklet for
YIQ(100.8490, 20.0790, 16.0710)
contains.

YIQ(100.8490, 20.0790, 16.0710)	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(100.8490, 20.0790,
16.0710)**

Conversions

Conversions Part 1

Format	Color
Hex	82556A
RGB	130, 85, 106
RGB Percent	51%, 33%, 42%
CMY	0.4901, 0.6667, 0.5842
CMYK	0.00, 0.35, 0.18, 0.49
HSL	332°, 21%, 42%
HSV	332°, 35%, 51%
XYZ	15.0600, 12.2832, 15.2172
YIQ	100.8490, 20.0790, 16.0710

Conversions

Conversions Part 2

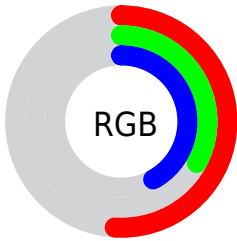
Format	Color
R_{YB}	130, 85, 106
Decimal	8541546
CIE Lab	41.66, 22.01, -4.37
CIE LCh	42, 22.445, 348.769
Yxy	12.2832, 0.3538, 0.2886
Android (android.graphics.Color)	4286731626 (0xFF82556A)
YUV	100.8490, 2.5394, 25.5654
Hunter-Lab	35.0474, 15.3690, -1.2099

Details

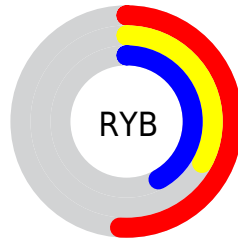
The YIQ color **100.8490, 20.0790, 16.0710** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **114.1510, -20.0790, -16.0710**, and the grayscale version is **101.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **152.1590, 22.1420, 17.2300**, and **53.2400, 17.4200, 14.7000** is the 20% darker color. If you saturate the color by 10%, you get **92.4200, 25.9010, 20.6930**, and if you desaturate by 10%, it is **109.2780, 14.2570, 11.4490**.

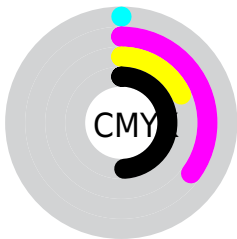
Distribution



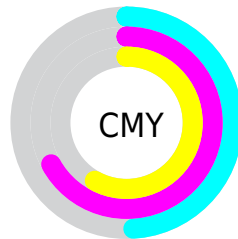
- Red (51%)
- Green (33%)
- Blue (42%)



- Red (51%)
- Yellow (33%)
- Blue (42%)



- Cyan (0%)
- Magenta (35%)
- Yellow (18%)
- Black (49%)



- Cyan (49%)
- Magenta (67%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 100.8490, 20.0790, 16.0710 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 100.8490, 20.0790, 16.0710 by changing the saturation by 10% instead.

■ 100.8490, 20.0790,
16.0710

■ 100.8490, 20.0790,
16.0710

■ 255.0000, -0.0000,
-0.0000

■ 76.2510, 18.8870,
15.6470

■ 152.1590, 22.1420,
17.2300

■ 53.2400, 17.4200,
14.7000

■ 179.4580, 22.7380,
17.4420

■ 30.9410, 16.8240,
14.4880

■ 206.8710, 23.0130,
17.9650

■ 12.5880, 16.3200,
12.6080

■ 230.9840, 15.2650,
15.2090

■ 0.0000, 0.0000,
0.0000

■ 249.1300, 2.7500,
5.2300

100.8490, 20.0790,
16.0710

100.8490, 20.0790,
16.0710

92.4200, 25.9010,
20.6930

109.2780, 14.2570,
11.4490

83.9910, 31.7230,
25.3150

117.7070, 8.4350,
6.8270

75.5620, 37.5450,
29.9370

126.1360, 2.6130,
2.2050

67.1330, 43.3670,
34.5590

134.5650, -3.2090,
-2.4170

58.7040, 49.1890,
39.1810

142.9940, -9.0310,
-7.0390

50.2750, 55.0110,
43.8030


151.4230,
-14.8530, -11.6610

45.8240, 57.8990,
46.5310

159.8520,
-20.6750, -16.2830

168.1670,

-26.1760, -21.2160

 176.5960,
-31.9980, -25.8380

Harmonies

Analogous

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



100.6500, 4.5820, 16.0860



100.8490, 20.0790, 16.0710



100.1780, 29.1580, 11.2220

Triad

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



100.8490, 20.0790, 16.0710



96.0700, 11.0060, -12.2420



87.8340, -46.6270, -8.5070

Complementary

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



100.8490, 20.0790, 16.0710



114.1510, -20.0790, -16.0710

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.



86.8850, -42.6370, -14.7410



100.8490, 20.0790, 16.0710



93.2790, -5.8200, -15.6760

Square

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



100.8490, 20.0790, 16.0710



97.8160, 23.7050, -5.5990



90.4000, -25.2140, -16.6220



93.6880, -34.1120, 1.4720

Rectangle

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



100.8490, 20.0790, 16.0710



99.5000, 30.9470, 6.3310



90.4000, -25.2140, -16.6220



86.7690, -48.0020, -11.1220

Sweetspot

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



100.8490, 20.0790, 16.0710



156.9950, 7.5640, 6.0920



97.0070, -0.7370, 18.8710



77.5600, 4.3550, 3.6750



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.



100.8490, 20.0790, 16.0710



122.6920, 31.1270, 25.1030



99.0420, 26.5450, 9.0170



59.4350, 3.2090, 2.4170



45.1120, 57.0280, 45.7960



0.0000, 0.0000, 0.0000

Inverse Universe

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



100.8490, 20.0790, 16.0710



122.6920, 31.1270, 25.1030



115.9580, -26.5450, -9.0170



59.4350, 3.2090, 2.4170



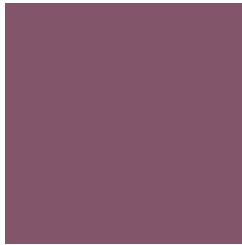
45.1120, 57.0280, 45.7960



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 100.8490, 20.0790, 16.0710 looks on a white background.

Color Contrast Check

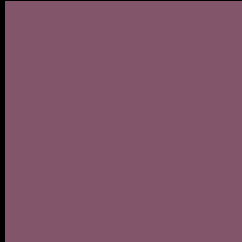
Large Text (above 18pt) WCAG AA ✓ Pass

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 100.8490, 20.0790, 16.0710 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 100.8490, 20.0790, 16.0710

Background



This preview shows how black text looks on a background with the YIQ color 100.8490, 20.0790, 16.0710.



This preview shows how white text looks on a background with the YIQ color 100.8490, 20.0790,

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

100.8490, 20.0790, 16.0710

Protanopia

99.2260, -6.3280, 4.5520

Deuteranopia

99.9020, 3.3920, 4.6080



Tritanopia

100.3560, 22.7850, 11.0810

Trichromacy



Original Color

100.8490, 20.0790, 16.0710

Protanomaly

99.5370, 3.1620, 8.7780

Deuteranomaly

100.3590, 9.5350, 8.9190

Tritanomaly

100.2250, 21.7760, 12.8480

Monochromacy



Original Color

100.8490, 20.0790, 16.0710

Achromatopsia

101.0000, -0.0000, 0.0000

Achromatomaly

100.9950, 7.5640, 6.0920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 100.8490, 20.0790, 16.0710 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(130, 85, 106)` looks like.

```
.text, #text, p{  
    color:rgb(130, 85, 106)  
}
```

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(130, 85, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 85, 106) }
```

Border

The CSS property to change the border of an element to YIQ 100.8490, 20.0790, 16.0710 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(130, 85, 106) }
```


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

```
.border{ border-color:rgb(130, 85, 106) }
```

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

Here you see how a box with a 4 pixel rgb(130, 85, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 85, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 85, 106);  
box-shadow:4px 4px 4px 4px rgb(130, 85,  
106) }
```

Background

The CSS property to change the background color of an element to YIQ 100.8490, 20.0790, 16.0710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 85, 106) }
```

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

```
.background{ background-color: rgb(130, 85,  
106) }
```

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