

Converting Colors

YIQ(101.2980, 20.6730, 27.3370)

Have a look what the booklet for
YIQ(101.2980, 20.6730, 27.3370)
contains.

YIQ(101.2980, 20.6730, 27.3370)	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(101.2980, 20.6730,
27.3370)**

Conversions

Conversions Part 1

Format	Color
Hex	8A4E7D
RGB	138, 78, 125
RGB Percent	54%, 31%, 49%
CMY	0.4586, 0.6942, 0.5098
CMYK	0.00, 0.44, 0.09, 0.46
HSL	313°, 28%, 42%
HSV	313°, 44%, 54%
XYZ	16.9135, 12.3332, 20.8950
YIQ	101.2980, 20.6730, 27.3370

Conversions

Conversions Part 2

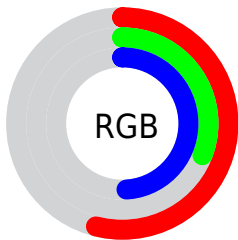
Format	Color
R_{YB}	138, 78, 125
Decimal	9064061
CIE _{Lab}	41.74, 32.35, -15.81
CIE _{LCh}	42, 36.007, 333.959
Yxy	12.3332, 0.3373, 0.2460
Android (android.graphics.Color)	4287254141 (0xFF8A4E7D)
YUV	101.2980, 11.6851, 32.1877
Hunter-Lab	35.1186, 24.5099, -10.6936

Details

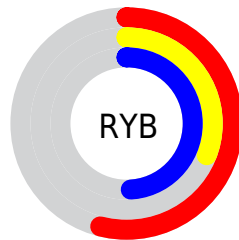
The YIQ color **101.2980, 20.6730, 27.3370** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **114.7020, -20.6730, -27.3370**, and the grayscale version is **101.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **153.7220, 22.4150, 28.8070**, and **51.9880, 18.6100, 26.1780** is the 20% darker color. If you saturate the color by 10%, you get **92.7380, 25.4860, 33.7260**, and if you desaturate by 10%, it is **109.8580, 15.8600, 20.9480**.

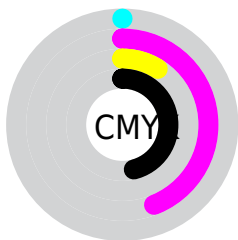
Distribution



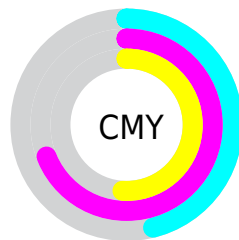
- Red (54%)
- Green (31%)
- Blue (49%)



- Red (54%)
- Yellow (31%)
- Blue (49%)



- Cyan (0%)
- Magenta (44%)
- Yellow (9%)
- Black (46%)



- Cyan (46%)
- Magenta (69%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 101.2980, 20.6730, 27.3370 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 101.2980, 20.6730, 27.3370 by changing the saturation by 10% instead.

101.2980, 20.6730,
27.3370

101.2980, 20.6730,
27.3370

255.0000, -0.0000,
-0.0000

76.5860, 19.8020,
26.6020

153.7220, 22.4150,
28.8070

51.9880, 18.6100,
26.1780

180.4340, 23.2860,
29.5420

26.9280, 18.8390,
27.5350

208.1460, 24.1570,
30.2770

15.9070, 14.1640,
18.6440

228.5850, 12.3750,
23.5350

0.4560, -1.2840,
1.2440

245.6080, 4.4000,
8.3680

0.0000, 0.0000,
0.0000

101.2980, 20.6730,
27.3370

101.2980, 20.6730,
27.3370

92.7380, 25.4860,
33.7260

109.8580, 15.8600,
20.9480

84.1780, 30.2990,
40.1150

118.4180, 11.0470,
14.5590

76.2050, 34.8370,
45.9810

126.3910, 6.5090,
8.6930

67.6450, 39.6500,
52.3700

134.9510, 1.6960,
2.3040

59.0850, 44.4630,
58.7590

143.5110, -3.1170,
-4.0850


53.5740, 47.5800,
62.8440

152.0710, -7.9300,
-10.4740

160.6310,
-12.7430, -16.8630

168.6040,

-17.2810, -22.7290

 177.1640,
-22.0940, -29.1180

Harmonies

Analogous

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



100.8090, -8.8070, 21.9530



101.2980, 20.6730, 27.3370



99.5420, 40.2970, 24.1130

Triad

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



101.2980, 20.6730, 27.3370



95.2320, 27.9250, -16.0030



81.2650, -73.1260, -18.3580

Complementary

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



101.2980, 20.6730, 27.3370



114.7020, -20.6730, -27.3370

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.



77.9590, -63.8170, -27.3770



101.2980, 20.6730, 27.3370



91.7990, 4.0390, -23.6490

Square

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



101.2980, 20.6730, 27.3370



96.8630, 42.6860, -2.6740



84.9120, -30.0720, -27.7040



80.6100, -78.1710, -9.5230

Rectangle

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



101.2980, 20.6730, 27.3370



98.4360, 46.1670, 16.8470



84.9120, -30.0720, -27.7040



80.2390, -70.2370, -21.1570

Sweetspot

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



101.2980, 20.6730, 27.3370



164.2280, 8.5260, 10.6860



88.7270, -11.5120, 21.4160



80.4400, 4.8130, 6.3890



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



101.2980, 20.6730, 27.3370



122.0150, 32.3160, 42.1080



97.8780, 30.3030, 18.0070



64.6630, 2.5670, 3.0390



51.6230, 45.8840, 60.5400



1.9510, 1.6960, 2.3040

Inverse Universe

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



101.2980, 20.6730, 27.3370



122.0150, 32.3160, 42.1080



118.1220, -30.3030, -18.0070



64.6630, 2.5670, 3.0390



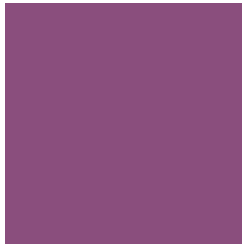
51.6230, 45.8840, 60.5400



1.9510, 1.6960, 2.3040

Previews

White Background



This preview shows how the YIQ color 101.2980, 20.6730, 27.3370 looks on a white background.

Color Contrast Check

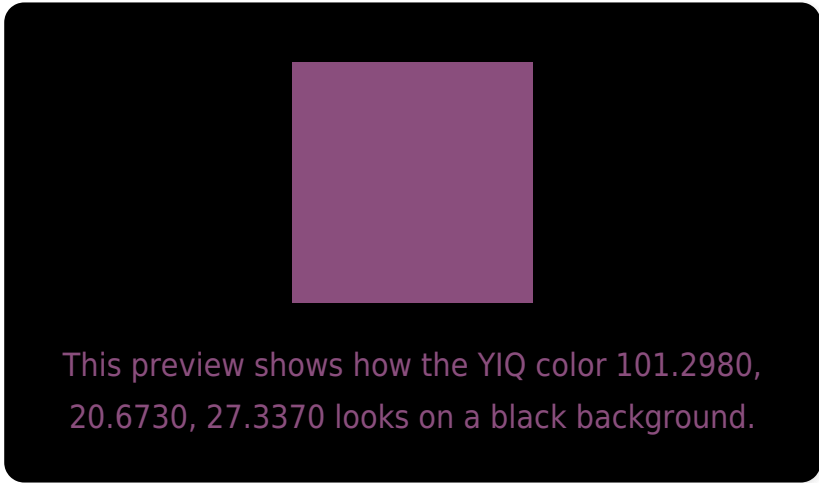
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

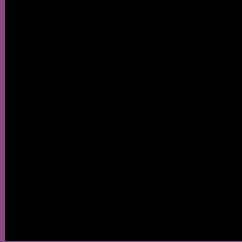
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 101.2980, 20.6730, 27.3370

Background



This preview shows how black text looks on a background with the YIQ color 101.2980, 20.6730, 27.3370.



This preview shows how white text looks on a background with the YIQ color 101.2980, 20.6730,

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

101.2980, 20.6730, 27.3370

Protanopia

99.2000, -20.6340, 10.5180

Deuteranopia

99.8500, -8.0250, 7.7750



Tritanopia

100.3350, 27.2780, 12.2540

Trichromacy



Original Color

101.2980, 20.6730, 27.3370

Protanomaly

100.2020, -5.7800, 16.6520

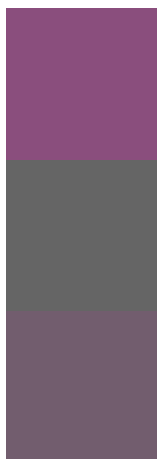
Deuteranomaly

100.3400, 2.5190, 14.9270

Tritanomaly

100.2410, 24.8470, 17.7670

Monochromacy



Original Color

101.2980, 20.6730, 27.3370

Achromatopsia

101.0000, -0.0000, 0.0000

Achromatomaly

101.2170, 7.0590, 9.7390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 101.2980, 20.6730, 27.3370 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(138, 78, 125)` looks like.

```
.text, #text, p{  
    color:rgb(138, 78, 125)  
}
```

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(138, 78, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 78, 125) }
```

Border

The CSS property to change the border of an element to YIQ 101.2980, 20.6730, 27.3370 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(138, 78, 125) }
```


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

```
.border{ border-color:rgb(138, 78, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 78, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 78, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 78, 125);  
box-shadow:4px 4px 4px 4px rgb(138, 78,  
125) }
```

Background

The CSS property to change the background color of an element to YIQ 101.2980, 20.6730, 27.3370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 78, 125) }
```

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

```
.background{ background-color: rgb(138, 78,  
125) }
```

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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