

# Converting Colors

YIQ(127.1360, 20.9490, 22.3330)

Have a look what the booklet for  
YIQ(127.1360, 20.9490, 22.3330)  
contains.

<b>YIQ(127.1360, 20.9490, 22.3330)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(127.1360, 20.9490,  
22.3330)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A16B8E
RGB	161, 107, 142
RGB Percent	63%, 42%, 56%
CMY	0.3685, 0.5805, 0.4431
CMYK	0.00, 0.34, 0.12, 0.37
HSL	321°, 22%, 53%
HSV	321°, 34%, 63%
XYZ	24.8446, 20.0451, 28.1565
YIQ	127.1360, 20.9490, 22.3330

# Conversions

## Conversions Part 2

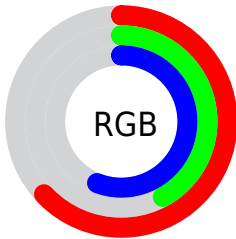
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	161, 107, 142
Decimal	10578830
CIE <sub>Lab</sub>	51.89, 27.07, -10.37
CIE <sub>LCh</sub>	52, 28.991, 339.039
Yxy	20.0451, 0.3401, 0.2744
Android (android.graphics.Color)	4288768910 (0xFFA16B8E)
YUV	127.1360, 7.3280, 29.6987
Hunter-Lab	44.7718, 20.7017, -5.9465

# Details

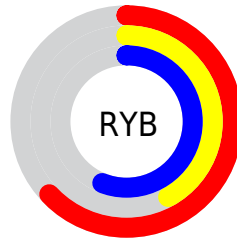
The YIQ color **127.1360, 20.9490, 22.3330** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **140.8640, -20.9490, -22.3330**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **180.5600, 22.6910, 23.8030**, and **76.8260, 18.8860, 21.1740** is the 20% darker color. If you saturate the color by 10%, you get **117.0600, 27.2750, 28.8350**, and if you desaturate by 10%, it is **137.2120, 14.6230, 15.8310**.

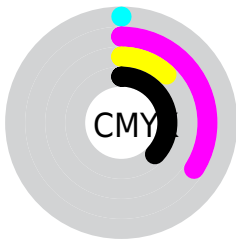
# Distribution



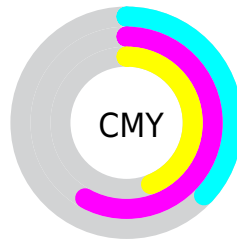
- Red (63%)
- Green (42%)
- Blue (56%)



- Red (63%)
- Yellow (42%)
- Blue (56%)



- Cyan (0%)
- Magenta (34%)
- Yellow (12%)
- Black (37%)



- Cyan (37%)
- Magenta (58%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 127.1360, 20.9490, 22.3330 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 127.1360, 20.9490, 22.3330 by changing the saturation by 10% instead.



127.1360, 20.9490,  
22.3330

127.1360, 20.9490,  
22.3330

255.0000, -0.0000,  
-0.0000

101.4240, 20.0780,  
21.5980

180.5600, 22.6910,  
23.8030

76.8260, 18.8860,  
21.1740

207.9730, 22.9660,  
24.3260

53.1140, 18.0150,  
20.4390

230.5910, 12.2380,  
20.5100

29.9290, 17.0980,  
20.5380

247.9560, 3.3000,  
6.2760

14.6250, 14.8980,  
16.3540

0.0000, 0.0000,  
0.0000

127.1360, 20.9490,  
22.3330

127.1360, 20.9490,  
22.3330

117.0600, 27.2750,  
28.8350

137.2120, 14.6230,  
15.8310

107.0980, 33.2800,  
35.6480

147.1740, 8.6180,  
9.0180

97.0220, 39.6060,  
42.1500

157.2500, 2.2920,  
2.5160

86.9460, 45.9320,  
48.6520

167.3260, -4.0340,  
-3.9860

76.3970, 52.2120,  
55.9880

177.8750,  
-10.3140, -11.3220

66.3210, 58.5380,  
62.4900


187.9510,  
-16.6400, -17.8240

59.9950, 62.5720,  
66.4760

198.0270,  
-22.9660, -24.3260

207.9890,

-28.9710, -31.1390

 218.0650,  
-35.2970, -37.6410

# Harmonies

## Analogous

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



126.6370, -2.5710, 19.0690



127.1360, 20.9490, 22.3330



125.8140, 36.3550, 18.4590

# Triad

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



127.1360, 20.9490, 22.3330



121.5780, 21.1390, -14.1650



104.5640, -72.5300, -18.1460

# Complementary

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



127.1360, 20.9490, 22.3330



140.8640, -20.9490, -22.3330

# 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.



107.9110, -54.6940, -22.0060



127.1360, 20.9490, 22.3330



118.1670, 0.1870, -19.9170

# Square

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



127.1360, 20.9490, 22.3330



123.3290, 35.4420, -3.5500



114.2270, -26.4050, -22.5730



113.5050, -55.7060, -3.6580



# Rectangle

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



127.1360, 20.9490, 22.3330



125.1640, 40.9410, 12.4370



114.2270, -26.4050, -22.5730



103.7660, -70.2830, -20.3230

# Sweetspot

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



127.1360, 20.9490, 22.3330



195.8750, 8.0220, 8.8060



118.8370, -6.0100, 20.8220



96.7990, 5.1800, 5.2440



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000



# Same Dimension

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



127.1360, 20.9490, 22.3330



156.3860, 32.4090, 34.9130



124.0580, 29.6160, 13.9360



76.3750, 3.4380, 3.7740



54.0710, 56.2460, 59.9740



6.7500, 6.8760, 7.5480



# Inverse Universe

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



127.1360, 20.9490, 22.3330



156.3860, 32.4090, 34.9130



143.9420, -29.6160, -13.9360



76.3750, 3.4380, 3.7740



54.0710, 56.2460, 59.9740

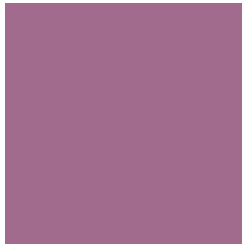


6.7500, 6.8760, 7.5480



# Previews

## White Background



This preview shows how the YIQ color 127.1360, 20.9490, 22.3330 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

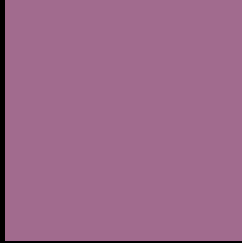
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 127.1360, 20.9490, 22.3330 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

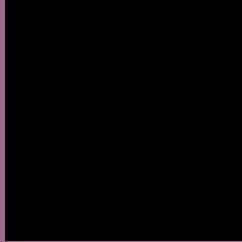
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 127.1360, 20.9490, 22.3330

## Background



This preview shows how black text looks on a background with the YIQ color 127.1360, 20.9490, 22.3330.



This preview shows how white text looks on a background with the YIQ color 127.1360, 20.9490,



# 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

127.1360, 20.9490, 22.3330

### Protanopia

124.6260, -13.2060, 8.0580

### Deuteranopia

125.4440, -1.0100, 7.2940



## Tritanopia

126.0790, 25.1230, 12.7630

# Trichromacy



## Original Color

127.1360, 20.9490, 22.3330

## Protanomaly

125.4320, -0.7360, 13.3440

## Deuteranomaly

126.2110, 7.1960, 12.7640

## Tritanomaly

126.7030, 23.4260, 15.9860

# Monochromacy



## Original Color

127.1360, 20.9490, 22.3330

## Achromatopsia

127.0000, -0.0000, -0.0000

## Achromatomaly

127.0490, 7.4720, 7.7600

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 127.1360, 20.9490, 22.3330 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(161, 107, 142)` looks like.

```
.text, #text, p{  
    color:rgb(161, 107, 142)  
}
```

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(161, 107, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 107, 142) }
```

## Border

The CSS property to change the border of an element to YIQ 127.1360, 20.9490, 22.3330 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(161, 107, 142) }
```



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

```
.border{ border-color:rgb(161, 107, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 107, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 107, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 107, 142);  
box-shadow:4px 4px 4px 4px rgb(161, 107,  
142) }
```

# Background

The CSS property to change the background color of an element to YIQ 127.1360, 20.9490, 22.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 107, 142) }
```

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

```
.background{ background-color: rgb(161,  
107, 142) }
```

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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