

Converting Colors

YIQ(121.7370, 27.2270, 40.7230)

Have a look what the booklet for
YIQ(121.7370, 27.2270, 40.7230)
contains.

YIQ(121.7370, 27.2270, 40.7230)	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(121.7370, 27.2270,
40.7230)**

Conversions

Conversions Part 1

Format	Color
Hex	AD58A1
RGB	173, 88, 161
RGB Percent	68%, 35%, 63%
CMY	0.3213, 0.6550, 0.3686
CMYK	0.00, 0.49, 0.07, 0.32
HSL	308°, 34%, 51%
HSV	308°, 49%, 68%
XYZ	27.1685, 18.4387, 35.8514
YIQ	121.7370, 27.2270, 40.7230

Conversions

Conversions Part 2

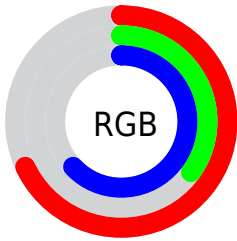
Format	Color
R_{YB}	173, 88, 161
Decimal	11360417
CIE _{Lab}	50.02, 44.78, -24.27
CIE _{LCh}	50, 50.935, 331.542
Yxy	18.4387, 0.3335, 0.2264
Android (android.graphics.Color)	4289550497 (0xFFAD58A1)
YUV	121.7370, 19.3567, 44.9577
Hunter-Lab	42.9403, 37.7921, -19.4437

Details

The YIQ color **121.7370, 27.2270, 40.7230** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **139.2630, -27.2270, -40.7230**, and the grayscale version is **122.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **176.1610, 28.9690, 42.1930**, and **68.8400, 25.4390, 40.0870** is the 20% darker color. If you saturate the color by 10%, you get **111.5300, 32.5440, 48.9920**, and if you desaturate by 10%, it is **131.9440, 21.9100, 32.4540**.

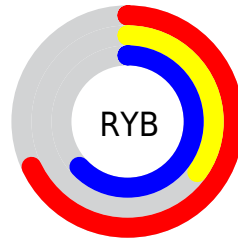
Distribution



Red (68%)

Green (35%)

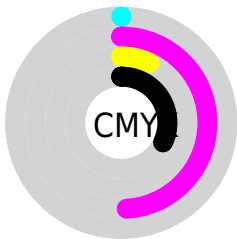
Blue (63%)



Red (68%)

Yellow (35%)

Blue (63%)

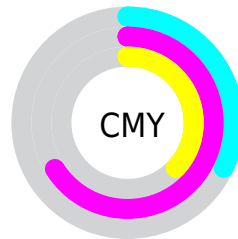


Cyan (0%)

Magenta (49%)

Yellow (7%)

Black (32%)



Cyan (32%)

Magenta (66%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.7370, 27.2270, 40.7230 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 121.7370, 27.2270, 40.7230 by changing the saturation by 10% instead.

121.7370, 27.2270,
40.7230

121.7370, 27.2270,
40.7230

255.0000, -0.0000,
-0.0000

95.1390, 26.0350,
40.2990

176.1610, 28.9690,
42.1930

68.8400, 25.4390,
40.0870

202.7910, 27.1350,
42.3910

38.9590, 26.7220,
44.3700

220.3670, 16.2250,
30.8570

26.9870, 20.3510,
33.1750

236.8030, 8.5250,
16.2130

18.2000, 14.8970,
21.8810

254.4130, 0.2750,
0.5230

1.8240, -5.1360,
4.9760

0.0000, 0.0000,

0.0000

■ 121.7370, 27.2270,
40.7230

■ 121.7370, 27.2270,
40.7230

■ 111.5300, 32.5440,
48.9920

■ 131.9440, 21.9100,
32.4540

■ 100.6220, 38.4570,
57.4730

■ 142.8520, 15.9970,
23.9730

■ 90.4150, 43.7740,
65.7420

■ 153.0590, 10.6800,
15.7040

■ 80.0940, 49.4120,
73.7000

■ 163.3800, 5.0420,
7.7460

■ 69.3000, 55.0040,
82.4920

■ 174.1740, -0.5500,
-1.0460

■ 68.7130, 55.2790,
83.0150

■ 184.4950, -6.1880,
-9.0040

■ 194.7020,
-11.5050, -17.2730

■ 205.0230,
-17.1430, -25.2310

■ 215.8170,
-22.7350, -34.0230

Harmonies

Analogous

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



121.2890, -18.6660, 29.9260



121.7370, 27.2270, 40.7230



117.9560, 57.1670, 37.7670

Triad

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



121.7370, 27.2270, 40.7230



113.3350, 43.3320, -25.4040



100.1750, -90.5480, -22.0040

Complementary

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



121.7370, 27.2270, 40.7230



139.2630, -27.2270, -40.7230

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.



95.8600, -77.0200, -35.9000



121.7370, 27.2270, 40.7230



109.4600, 8.9470, -35.5090

Square

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



121.7370, 27.2270, 40.7230



115.6880, 62.1720, -3.3960



95.3620, -49.5550, -43.5630



100.8880, -99.4450, -9.4370

Rectangle

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



121.7370, 27.2270, 40.7230



116.1230, 66.5220, 27.9140



95.3620, -49.5550, -43.5630



99.2800, -86.6500, -26.5700

Sweetspot

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



121.7370, 27.2270, 40.7230



204.1730, 10.3590, 16.0150



100.9790, -20.7290, 28.7670



99.9180, 6.4630, 9.5270



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.



121.7370, 27.2270, 40.7230



144.4640, 42.0780, 63.4380



116.9490, 40.7090, 27.6610



81.4890, 3.1170, 4.0850



59.5560, 47.9910, 71.9190



9.1570, 7.2880, 11.0960

Inverse Universe

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



121.7370, 27.2270, 40.7230



144.4640, 42.0780, 63.4380



144.0510, -40.7090, -27.6610



81.4890, 3.1170, 4.0850



59.5560, 47.9910, 71.9190



9.1570, 7.2880, 11.0960

Previews

White Background



This preview shows how the YIQ color 121.7370, 27.2270, 40.7230 looks on a white background.

Color Contrast Check

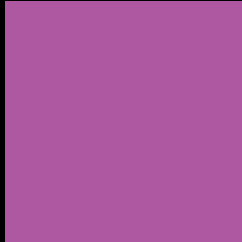
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.7370, 27.2270, 40.7230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

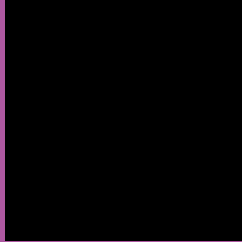
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 121.7370, 27.2270, 40.7230

Background



This preview shows how black text looks on a background with the YIQ color 121.7370, 27.2270, 40.7230.



This preview shows how white text looks on a background with the YIQ color 121.7370, 27.2270,

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

121.7370, 27.2270, 40.7230

Protanopia

118.0600, -34.6190, 16.1730

Deuteranopia

119.6520, -16.0950, 10.8570



Tritanopia

120.9450, 37.3640, 16.6920

Trichromacy



Original Color

121.7370, 27.2270, 40.7230

Protanomaly

119.0630, -12.3380, 25.3740

Deuteranomaly

120.3000, -0.0040, 22.1080

Tritanomaly

121.3610, 33.5570, 25.1170

Monochromacy



Original Color

121.7370, 27.2270, 40.7230

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

122.2330, 10.1300, 14.6580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.7370, 27.2270, 40.7230 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(173, 88, 161)` looks like.

```
.text, #text, p{  
    color:rgb(173, 88, 161)  
}
```

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(173, 88, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 88, 161) }
```

Border

The CSS property to change the border of an element to YIQ 121.7370, 27.2270, 40.7230 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(173, 88, 161) }
```


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

```
.border{ border-color:rgb(173, 88, 161) }
```

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

Here you see how a box with a 4 pixel rgb(173, 88, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 88, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 88, 161);  
box-shadow:4px 4px 4px 4px rgb(173, 88,  
161) }
```

Background

The CSS property to change the background color of an element to YIQ 121.7370, 27.2270, 40.7230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 88, 161) }
```

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

```
.background{ background-color: rgb(173, 88,  
161) }
```

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