

Converting Colors

YIQ(123.6060, 7.8820, 22.3620)

Have a look what the booklet for
YIQ(123.6060, 7.8820, 22.3620)
contains.

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Color

**YIQ(123.6060, 7.8820,
22.3620)**

Conversions

Conversions Part 1

Format	Color
Hex	916B99
RGB	145, 107, 153
RGB Percent	57%, 42%, 60%
CMY	0.4312, 0.5804, 0.4000
CMYK	0.05, 0.30, 0.00, 0.40
HSL	290°, 18%, 51%
HSV	290°, 30%, 60%
XYZ	22.6881, 18.8345, 32.5761
YIQ	123.6060, 7.8820, 22.3620

Conversions

Conversions Part 2

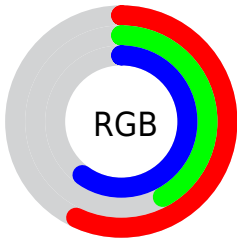
Format	Color
R_{YB}	145, 107, 153
Decimal	9530265
CIE _{Lab}	50.49, 23.56, -19.12
CIE _{LCh}	50, 30.340, 320.931
Yxy	18.8345, 0.3062, 0.2542
Android (android.graphics.Color)	4287720345 (0xFF916B99)
YUV	123.6060, 14.4912, 18.7625
Hunter-Lab	43.3987, 17.3692, -14.1255

Details

The YIQ color $123.6060, 7.8820, 22.3620$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $136.3940, -7.8820, -22.3620$, and the grayscale version is $123.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $176.4320, 8.4320, 23.4080$, and $74.3670, 7.0570, 20.7930$ is the 20% darker color. If you saturate the color by 10%, you get $113.9040, 10.2190, 29.5710$, and if you desaturate by 10%, it is $133.3080, 5.5450, 15.1530$.

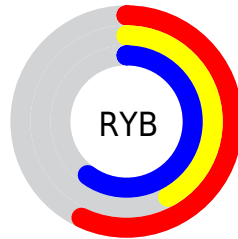
Distribution



Red (57%)

Green (42%)

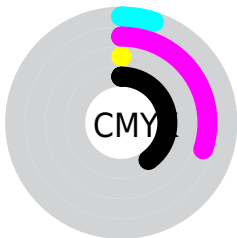
Blue (60%)



Red (57%)

Yellow (42%)

Blue (60%)

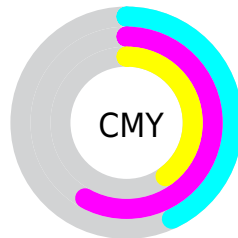


Cyan (5%)

Magenta (30%)

Yellow (0%)

Black (40%)



Cyan (43%)

Magenta (58%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 123.6060, 7.8820, 22.3620 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 123.6060, 7.8820, 22.3620 by changing the saturation by 10% instead.

■ 123.6060, 7.8820,
22.3620

■ 123.6060, 7.8820,
22.3620

■ 255.0000, -0.0000,
-0.0000

■ 98.1930, 7.6070,
21.8390

■ 176.4320, 8.4320,
23.4080

■ 74.3670, 7.0570,
20.7930

■ 204.2580, 8.9820,
24.4540

■ 50.9540, 6.7820,
20.2700

■ 230.9330, 11.2750,
21.4430

■ 28.8290, 5.6360,
19.0120

■ 247.3690, 3.5750,
6.7990

■ 12.5470, 6.3700,
16.7220

■ 0.7980, -2.2470,
2.1770

■ 0.0000, 0.0000,

0.0000

■ 123.6060, 7.8820,
22.3620

■ 123.6060, 7.8820,
22.3620

■ 113.9040, 10.2190,
29.5710

■ 133.3080, 5.5450,
15.1530

■ 103.9140, 13.4270,
37.5150

■ 143.2980, 2.3370,
7.2090

■ 94.2120, 15.7640,
44.7240

■ 153.0000, 0.0000,
-0.0000

■ 84.5100, 18.1010,
51.9330

■ 162.7020, -2.3370,
-7.2090

■ 74.5200, 21.3090,
59.8770

■ 172.1050, -5.2700,
-14.6300

■ 64.8180, 23.6460,
67.0860

■ 182.3940, -7.8820,
-22.3620

■ 55.4150, 26.5790,
74.5070

■ 192.0960,
-10.2190, -29.5710

■ 201.4990,
-13.1520, -36.9920

■ 211.7880,
-15.7640, -44.7240

Harmonies

Analogous

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



120.7320, -19.0760, 15.3240



123.6060, 7.8820, 22.3620



123.3280, 29.1560, 22.2760

Triad

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



123.6060, 7.8820, 22.3620



119.0140, 31.7750, -8.6810



95.2870, -79.3600, -26.5280

Complementary

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



123.6060, 7.8820, 22.3620



136.3940, -7.8820, -22.3620

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.



106.8710, -40.0220, -23.5900



123.6060, 7.8820, 22.3620



116.4630, 14.0330, -17.5430

Square

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



123.6060, 7.8820, 22.3620



120.4810, 41.1260, 3.5740



112.8390, -10.6330, -22.0650



98.1270, -81.4250, -16.6330

Rectangle

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



123.6060, 7.8820, 22.3620



122.2980, 37.8680, 18.5720



112.8390, -10.6330, -22.0650



100.8390, -63.3590, -24.6630

Sweetspot

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



123.6060, 7.8820, 22.3620



187.5370, 3.1620, 8.7780



116.9400, -16.9660, 10.1220



92.8310, 2.1540, 5.0180



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



123.6060, 7.8820, 22.3620



153.1480, 12.6480, 35.1120



124.2880, 17.4650, 19.3930



71.7060, 1.0080, 3.7600



50.6440, 24.1960, 68.1320



4.7710, 2.3830, 6.3750

Inverse Universe

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



121.6660, 24.8480, 12.2400



150.0100, 38.7390, 19.3070



135.7120, -17.4650, -19.3930



71.5060, 4.4470, 2.0070



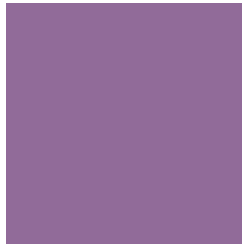
44.5960, 75.7360, 37.1440



4.1150, 7.1060, 3.3780

Previews

White Background



This preview shows how the YIQ color 123.6060, 7.8820, 22.3620 looks on a white background.

Color Contrast Check

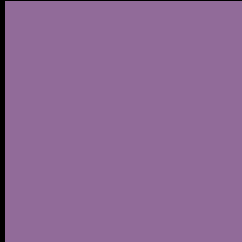
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.6060, 7.8820, 22.3620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

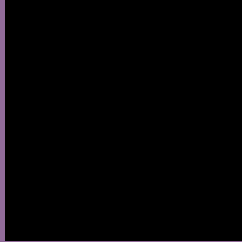
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 123.6060, 7.8820, 22.3620

Background



This preview shows how black text looks on a background with the YIQ color 123.6060, 7.8820, 22.3620.



This preview shows how white text looks on a background with the YIQ color 123.6060, 7.8820,

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

123.6060, 7.8820, 22.3620

Protanopia

120.6130, -20.3590, 11.0410

Deuteranopia

121.1640, -11.7850, 9.8390



Tritanopia

122.3980, 13.7990, 8.7350

Trichromacy



Original Color

123.6060, 7.8820, 22.3620

Protanomaly

121.8100, -10.5480, 14.9560

Deuteranomaly

122.2190, -4.4500, 14.5740

Tritanomaly

122.7770, 11.4140, 13.4140

Monochromacy



Original Color

123.6060, 7.8820, 22.3620

Achromatopsia

124.0000, -0.0000, -0.0000

Achromatomaly

124.1240, 2.8870, 8.2550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.6060, 7.8820, 22.3620 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(145, 107, 153)` looks like.

```
.text, #text, p{  
    color:rgb(145, 107, 153)  
}
```

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(145, 107, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 107, 153) }
```

Border

The CSS property to change the border of an element to YIQ 123.6060, 7.8820, 22.3620 is called "border". The border property can be set on classes, ids or directly on the HTML element.

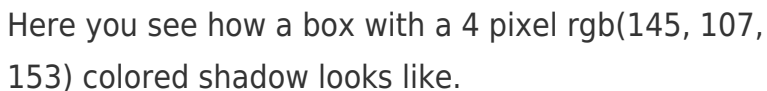
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(145, 107, 153) }
```


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

```
.border{ border-color:rgb(145, 107, 153) }
```

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



Here you see how a box with a 4 pixel `rgb(145, 107, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(145, 107, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(145, 107, 153); box-shadow:4px 4px 4px 4px rgb(145, 107, 153) }
```

Background

The CSS property to change the background color of an element to YIQ 123.6060, 7.8820, 22.3620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 107, 153) }
```

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

```
.background{ background-color: rgb(145,  
107, 153) }
```

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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