

Converting Colors

YIQ(99.6750, 12.6020, 35.9460)

Have a look what the booklet for
YIQ(99.6750, 12.6020, 35.9460)
contains.

YIQ(99.6750, 12.6020, 35.9460)	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(99.6750, 12.6020,
35.9460)**

Conversions

Conversions Part 1

Format	Color
Hex	864993
RGB	134, 73, 147
RGB Percent	53%, 29%, 58%
CMY	0.4743, 0.7138, 0.4235
CMYK	0.09, 0.50, 0.00, 0.42
HSL	290°, 34%, 43%
HSV	290°, 50%, 58%
XYZ	17.4865, 11.9406, 28.9861
YIQ	99.6750, 12.6020, 35.9460

Conversions

Conversions Part 2

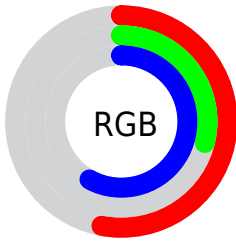
Format	Color
R_{YB}	134, 73, 147
Decimal	8800659
CIE _{Lab}	41.12, 38.16, -30.17
CIE _{LCh}	41, 48.649, 321.667
Yxy	11.9406, 0.2994, 0.2044
Android (android.graphics.Color)	4286990739 (0xFF864993)
YUV	99.6750, 23.3312, 30.1030
Hunter-Lab	34.5552, 29.8574, -25.5459

Details

The YIQ color **99.6750, 12.6020, 35.9460** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **120.3250, -12.6020, -35.9460**, and the grayscale version is **99.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **152.2130, 14.0230, 37.7270**, and **49.5500, 11.4560, 34.6880** is the 20% darker color. If you saturate the color by 10%, you get **89.9730, 14.9390, 43.1550**, and if you desaturate by 10%, it is **109.3770, 10.2650, 28.7370**.

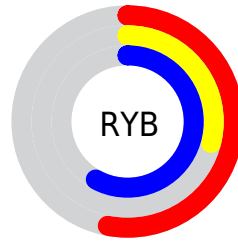
Distribution



Red (53%)

Green (29%)

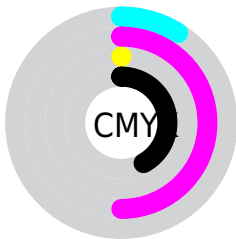
Blue (58%)



Red (53%)

Yellow (29%)

Blue (58%)

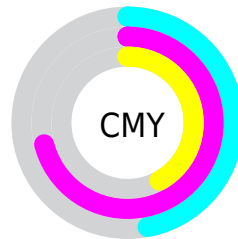


Cyan (9%)

Magenta (50%)

Yellow (0%)

Black (42%)



Cyan (47%)

Magenta (71%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 99.6750, 12.6020, 35.9460 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 99.6750, 12.6020, 35.9460 by changing the saturation by 10% instead.

■ 99.6750, 12.6020,
35.9460

■ 99.6750, 12.6020,
35.9460

■ 255.0000, -0.0000,
-0.0000

■ 74.2620, 12.3270,
35.4230

■ 152.2130, 14.0230,
37.7270

■ 49.5500, 11.4560,
34.6880

■ 179.1530, 14.2520,
39.0840

■ 25.2510, 10.8600,
34.4760

■ 206.5230, 16.0860,
38.8860

■ 16.6490, 6.3230,
23.0830

■ 225.6500, 13.7500,
26.1500

■ 3.6650, -8.9420,
7.8740

■ 242.6730, 5.7750,
10.9830

■ 0.0000, 0.0000,
0.0000

99.6750, 12.6020,
35.9460

99.6750, 12.6020,
35.9460

89.9730, 14.9390,
43.1550

109.3770, 10.2650,
28.7370

81.1570, 17.5970,
50.0530

118.1930, 7.6070,
21.8390

71.4550, 19.9340,
57.2620

127.8950, 5.2700,
14.6300

62.0520, 22.8670,
64.6830

137.2980, 2.3370,
7.2090

52.9370, 24.9290,
71.3690

146.4130, 0.2750,
0.5230

155.8160, -2.6580,
-6.8980

165.5180, -4.9950,
-14.1070

175.2200, -7.3320,

-21.3160

■ 184.0360, -9.9900,
-28.2140

Harmonies

Analogous

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



95.1510, -36.1330, 21.5870



99.6750, 12.6020, 35.9460



95.3230, 45.8880, 38.4320

Triad

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



99.6750, 12.6020, 35.9460



91.4330, 49.1080, -19.9480



82.3420, -72.0250, -21.7930

Complementary

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



99.6750, 12.6020, 35.9460



120.3250, -12.6020, -35.9460

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.



77.0810, -58.5890, -34.0210



99.6750, 12.6020, 35.9460



88.5710, 21.8760, -33.0360

Square

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



99.6750, 12.6020, 35.9460



93.9470, 60.2450, 3.9970



80.6380, -23.7890, -36.9490



84.4570, -82.1140, -9.6500

Rectangle

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



99.6750, 12.6020, 35.9460



93.4520, 58.4060, 31.8300



80.6380, -23.7890, -36.9490



80.8600, -67.8520, -25.8360

Sweetspot

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



99.6750, 12.6020, 35.9460



173.0690, 4.7200, 13.5840



89.6540, -27.6040, 15.6920



85.5370, 3.1620, 8.7780



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



99.6750, 12.6020, 35.9460



118.1020, 19.4300, 55.3820



100.9400, 27.7330, 31.5490



69.5920, 1.3290, 3.4490



49.8180, 23.6460, 67.0860



3.5320, 1.5580, 4.8060

Inverse Universe

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



96.6080, 39.9310, 19.7310



113.3660, 61.5240, 30.3880



119.0600, -27.7330, -31.5490



69.2070, 3.8510, 1.7950



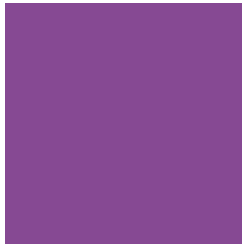
43.9980, 74.5440, 36.7200



3.2180, 5.3180, 2.7420

Previews

White Background



This preview shows how the YIQ color 99.6750, 12.6020, 35.9460 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 99.6750, 12.6020, 35.9460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

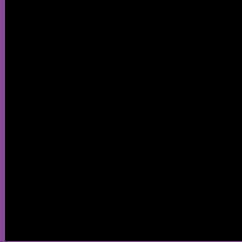
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 99.6750, 12.6020, 35.9460

Background



This preview shows how black text looks on a background with the YIQ color 99.6750, 12.6020, 35.9460.



This preview shows how white text looks on a background with the YIQ color 99.6750, 12.6020,

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

99.6750, 12.6020, 35.9460

Protanopia

94.5370, -40.3960, 16.2440

Deuteranopia

96.8620, -25.4940, 10.4900



Tritanopia

99.0570, 22.1890, 10.8690

Trichromacy



Original Color

99.6750, 12.6020, 35.9460

Protanomaly

96.5180, -21.0490, 23.5510

Deuteranomaly

97.6730, -11.4200, 19.7480

Tritanomaly

99.2990, 18.9320, 20.3400

Monochromacy



Original Color

99.6750, 12.6020, 35.9460

Achromatopsia

100.0000, -0.0000, -0.0000

Achromatomaly

99.6560, 4.4450, 13.0610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.6750, 12.6020, 35.9460 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(134, 73, 147)` looks like.

```
.text, #text, p{  
    color:rgb(134, 73, 147)  
}
```

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(134, 73, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 73, 147) }
```

Border

The CSS property to change the border of an element to YIQ 99.6750, 12.6020, 35.9460 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(134, 73, 147) }
```


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

```
.border{ border-color:rgb(134, 73, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 73, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 73, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 73, 147);  
box-shadow:4px 4px 4px 4px rgb(134, 73,  
147) }
```

Background

The CSS property to change the background color of an element to YIQ 99.6750, 12.6020, 35.9460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 73, 147) }
```

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

```
.background{ background-color: rgb(134, 73,  
147) }
```

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