

Converting Colors

YIQ(125.6680, 31.6750, 37.2030)

Have a look what the booklet for
YIQ(125.6680, 31.6750, 37.2030)
contains.

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Color

**YIQ(125.6680, 31.6750,
37.2030)**

Conversions

Conversions Part 1

Format	Color
Hex	B35D9A
RGB	179, 93, 154
RGB Percent	70%, 36%, 60%
CMY	0.2978, 0.6354, 0.3960
CMYK	0.00, 0.48, 0.14, 0.30
HSL	317°, 36%, 53%
HSV	317°, 48%, 70%
XYZ	28.3503, 19.7472, 32.8980
YIQ	125.6680, 31.6750, 37.2030

Conversions

Conversions Part 2

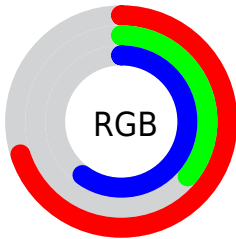
Format	Color
R_{YB}	179, 93, 154
Decimal	11754906
CIE _{Lab}	51.55, 42.91, -17.74
CIE _{LCh}	52, 46.432, 337.540
Yxy	19.7472, 0.3500, 0.2438
Android (android.graphics.Color)	4289944986 (0xFFB35D9A)
YUV	125.6680, 13.9677, 46.7722
Hunter-Lab	44.4378, 36.1126, -12.7867

Details

The YIQ color **125.6680, 31.6750, 37.2030** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **146.3320, -31.6750, -37.2030**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.9780, 33.7380, 38.3620**, and **73.4720, 29.2910, 36.3550** is the 20% darker color. If you saturate the color by 10%, you get **114.5320, 38.2300, 45.0620**, and if you desaturate by 10%, it is **136.8040, 25.1200, 29.3440**.

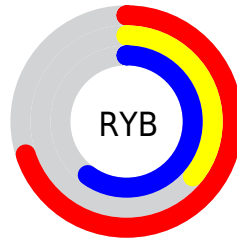
Distribution



Red (70%)

Green (36%)

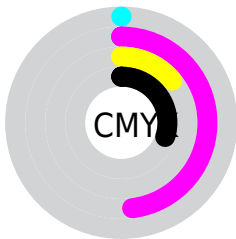
Blue (60%)



Red (70%)

Yellow (36%)

Blue (60%)

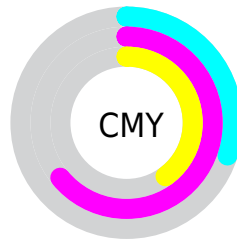


Cyan (0%)

Magenta (48%)

Yellow (14%)

Black (30%)



Cyan (30%)


Magenta (64%)


Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 125.6680, 31.6750, 37.2030 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 125.6680, 31.6750, 37.2030 by changing the saturation by 10% instead.


 125.6680, 31.6750,
37.2030


 125.6680, 31.6750,
37.2030


255.0000, -0.0000,
-0.0000


 99.0700, 30.4830,
36.7790


 180.0920, 33.4170,
38.6730

 72.8850, 29.5660,
36.8780


 204.8140, 28.3280,
37.2880


 45.3520, 29.7490,
39.0690

 223.3020, 14.8500,
28.2420

 27.9120, 24.9360,
32.6800

 240.3250, 6.8750,
13.0750

 18.5270, 18.2900,
20.9620

 4.7990, 5.1800,
5.2440

 0.0000, 0.0000,

0.0000

■ 125.6680, 31.6750,
37.2030

■ 125.6680, 31.6750,
37.2030

■ 114.5320, 38.2300,
45.0620

■ 136.8040, 25.1200,
29.3440

■ 103.3960, 44.7850,
52.9210

■ 147.9400, 18.5650,
21.4850

■ 92.1460, 51.6610,
60.4690

■ 159.1900, 11.6890,
13.9370

■ 81.0100, 58.2160,
68.3280

■ 170.3260, 5.1340,
6.0780

■ 69.8740, 64.7710,
76.1870

■ 181.4620, -1.4210,
-1.7810

■ 67.9990, 65.9170,
77.4450

■ 192.0110, -7.7010,
-9.1170

■ 203.1470,
-14.2560, -16.9760

■ 214.3970,
-21.1320, -24.5240

■ 225.5330,
-27.6870, -32.3830

Harmonies

Analogous

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



125.8620, -7.1580, 30.6180



125.6680, 31.6750, 37.2030



122.6690, 56.2970, 31.5050

Triad

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



125.6680, 31.6750, 37.2030



117.4850, 34.1620, -24.4140



102.1470, -93.3450, -20.8730

Complementary

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



125.6680, 31.6750, 37.2030



146.3320, -31.6750, -37.2030

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.



98.4020, -81.4220, -33.2140



125.6680, 31.6750, 37.2030



112.8490, 0.6020, -32.9500

Square

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



125.6680, 31.6750, 37.2030



120.5730, 55.0660, -6.7740



99.1320, -54.5990, -40.2550



101.5890, -100.0410, -9.6490

Rectangle

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



125.6680, 31.6750, 37.2030



121.7540, 62.9470, 21.1150



99.1320, -54.5990, -40.2550



101.3660, -89.7680, -25.1280

Sweetspot

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



125.6680, 31.6750, 37.2030



212.1900, 11.6890, 13.9370



109.9800, -13.3020, 31.8340



104.5760, 7.4260, 8.5940



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



125.6680, 31.6750, 37.2030



148.3090, 49.6440, 58.4760



120.8800, 45.1570, 24.1410



83.4890, 3.1170, 4.0850



58.0590, 56.5200, 66.0240



9.8260, 9.7180, 11.1100

Inverse Universe

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



125.6680, 31.6750, 37.2030



148.3090, 49.6440, 58.4760



151.1200, -45.1570, -24.1410



83.4890, 3.1170, 4.0850



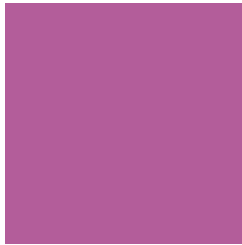
58.0590, 56.5200, 66.0240



9.8260, 9.7180, 11.1100

Previews

White Background



This preview shows how the YIQ color 125.6680, 31.6750, 37.2030 looks on a white background.

Color Contrast Check

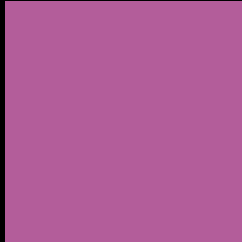
Large Text (above 18pt) WCAG AA ✓ Pass

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 125.6680, 31.6750, 37.2030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

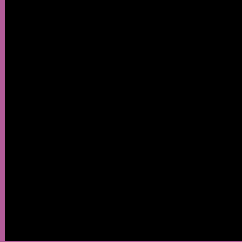
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 125.6680, 31.6750, 37.2030

Background



This preview shows how black text looks on a background with the YIQ color 125.6680, 31.6750, 37.2030.



This preview shows how white text looks on a background with the YIQ color 125.6680, 31.6750,

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

125.6680, 31.6750, 37.2030

Protanopia

123.5570, -25.9530, 13.3030

Deuteranopia

124.4910, -8.3920, 8.9200



Tritanopia

124.4400, 40.3440, 17.7520

Trichromacy



Original Color

125.6680, 31.6750, 37.2030

Protanomaly

123.9620, -4.8640, 22.0800

Deuteranomaly

125.1280, 6.2320, 19.2240

Tritanomaly

125.1010, 37.2250, 24.7210

Monochromacy



Original Color

125.6680, 31.6750, 37.2030

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.7770, 11.4140, 13.4140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 125.6680, 31.6750, 37.2030 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(179, 93, 154)` looks like.

```
.text, #text, p{  
    color:rgb(179, 93, 154)  
}
```

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(179, 93, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 93, 154) }
```

Border

The CSS property to change the border of an element to YIQ 125.6680, 31.6750, 37.2030 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(179, 93, 154) }
```


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

```
.border{ border-color:rgb(179, 93, 154) }
```

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

Here you see how a box with a 4 pixel rgb(179, 93, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 93, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 93, 154);  
box-shadow:4px 4px 4px 4px rgb(179, 93,  
154) }
```

Background

The CSS property to change the background color of an element to YIQ 125.6680, 31.6750, 37.2030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 93, 154) }
```

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

```
.background{ background-color: rgb(179, 93,  
154) }
```

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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