

Converting Colors

YIQ(82.3650, 10.5390, 34.7870)

Have a look what the booklet for
YIQ(82.3650, 10.5390, 34.7870)
contains.

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Color

**YIQ(82.3650, 10.5390,
34.7870)**

Conversions

Conversions Part 1

Format	Color
Hex	723982
RGB	114, 57, 130
RGB Percent	45%, 22%, 51%
CMY	0.5528, 0.7766, 0.4902
CMYK	0.12, 0.56, 0.00, 0.49
HSL	287°, 39%, 37%
HSV	287°, 56%, 51%
XYZ	12.4364, 8.1160, 22.0288
YIQ	82.3650, 10.5390, 34.7870

Conversions

Conversions Part 2

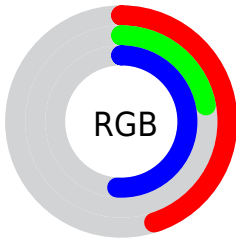
Format	Color
R_{YB}	114, 57, 130
Decimal	7485826
CIE _{Lab}	34.22, 37.36, -30.82
CIE _{LCh}	34, 48.429, 320.478
Yxy	8.1160, 0.2921, 0.1906
Android (android.graphics.Color)	4285675906 (0xFF723982)
YUV	82.3650, 23.4841, 27.7439
Hunter-Lab	28.4886, 28.0672, -25.9040

Details

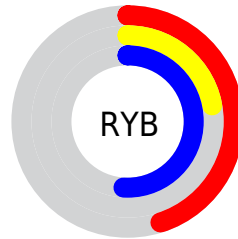
The YIQ color **82.3650, 10.5390, 34.7870** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **104.6350, -10.5390, -34.7870**, and the grayscale version is **82.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **133.9030, 11.9600, 36.5680**, and **31.4790, 10.2180, 35.0980** is the 20% darker color. If you saturate the color by 10%, you get **73.8370, 12.3260, 40.9500**, and if you desaturate by 10%, it is **90.8930, 8.7520, 28.6240**.

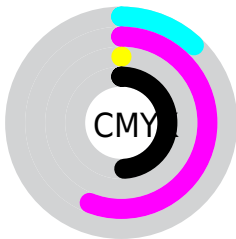
Distribution



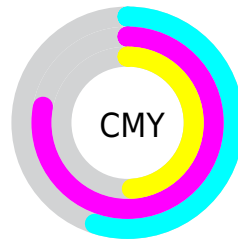
- Red (45%)
- Green (22%)
- Blue (51%)



- Red (45%)
- Yellow (22%)
- Blue (51%)



- Cyan (12%)
- Magenta (56%)
- Yellow (0%)
- Black (49%)



- Cyan (55%)
- Magenta (78%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 82.3650, 10.5390, 34.7870 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 82.3650, 10.5390, 34.7870 by changing the saturation by 10% instead.

82.3650, 10.5390,
34.7870

82.3650, 10.5390,
34.7870

255.0000, -0.0000,
-0.0000

57.6530, 9.6680,
34.0520

133.9030, 11.9600,
36.5680

31.4790, 10.2180,
35.0980

160.7290, 12.5100,
37.6140

18.4580, 5.5430,
26.2070

187.6690, 12.7390,
38.9710

6.0830, -7.0630,
12.3690

214.4860, 17.5080,
35.1400

1.0260, -2.8890,
2.7990

231.5200, 11.0000,
20.9200

0.0000, 0.0000,
0.0000

248.5430, 3.0250,

5.7530

■ 82.3650, 10.5390,
34.7870

■ 82.3650, 10.5390,
34.7870

■ 73.8370, 12.3260,
40.9500

■ 90.8930, 8.7520,
28.6240

■ 65.3090, 14.1130,
47.1130

■ 99.4210, 6.9650,
22.4610

■ 57.0800, 16.4960,
53.4880

■ 107.9490, 5.1780,
16.2980

■ 48.5520, 18.2830,
59.6510

■ 116.1780, 2.7950,
9.9230

■ 45.3180, 19.0620,
62.0540

■ 124.7060, 1.0080,
3.7600

■ 133.2340, -0.7790,
-2.4030

■ 141.7620, -2.5660,
-8.5660

■ 150.2900, -4.3530,
-14.7290

■ 158.8180, -6.1400,
-20.8920

Harmonies

Analogous

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



77.3030, -39.6170, 18.6470



82.3650, 10.5390, 34.7870



76.6540, 43.4580, 38.4180

Triad

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



82.3650, 10.5390, 34.7870



75.7300, 44.0180, -15.8060



69.6100, -60.9760, -18.2880

Complementary

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



82.3650, 10.5390, 34.7870



104.6350, -10.5390, -34.7870

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.



64.4630, -47.8610, -30.2050



82.3650, 10.5390, 34.7870



72.3090, 19.8580, -29.5020

Square

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



82.3650, 10.5390, 34.7870



75.8050, 57.7690, 4.8170



63.0400, -24.9810, -37.3730



72.1980, -71.0190, -6.9790

Rectangle

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



82.3650, 10.5390, 34.7870



74.4240, 55.6090, 32.9610



63.0400, -24.9810, -37.3730



68.1280, -56.8030, -22.3310

Sweetspot

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



82.3650, 10.5390, 34.7870



149.7700, 4.1240, 13.3720



75.3010, -28.1080, 13.8120



72.8250, 2.2910, 8.0430



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



82.3650, 10.5390, 34.7870



95.0800, 16.4960, 53.4880



84.9830, 26.1740, 32.2700



59.2930, 0.7330, 3.2370



44.4920, 18.5120, 61.0080



0.0000, 0.0000, 0.0000

Inverse Universe

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



80.6510, 38.3720, 20.4520



92.2240, 59.0480, 31.2080



102.0170, -26.1740, -32.2700



59.3210, 3.5300, 2.1060



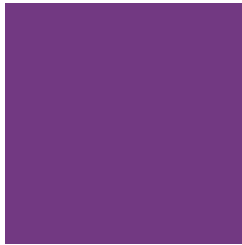
41.4640, 67.3000, 35.8440



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 82.3650, 10.5390, 34.7870 looks on a white background.

Color Contrast Check

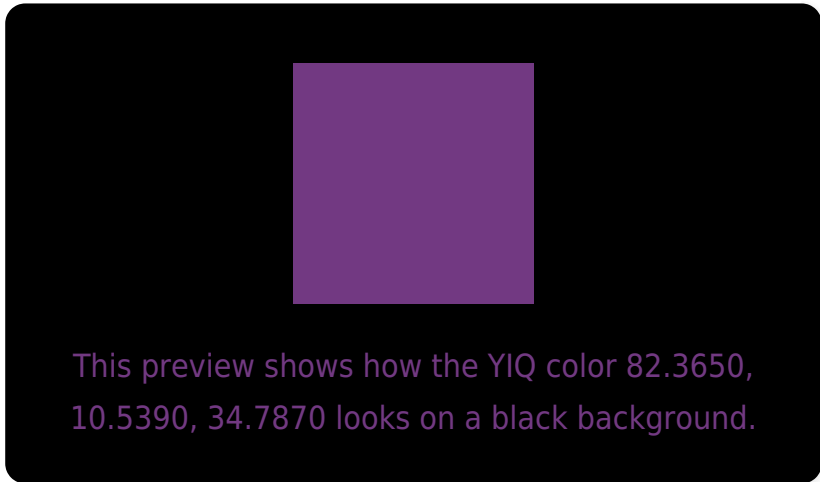
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

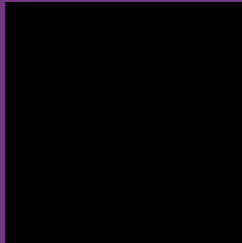
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 82.3650, 10.5390, 34.7870

Background



This preview shows how black text looks on a background with the YIQ color 82.3650, 10.5390, 34.7870.



This preview shows how white text looks on a background with the YIQ color 82.3650, 10.5390,

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

82.3650, 10.5390, 34.7870

Protanopia

76.7430, -43.9720, 14.9720

Deuteranopia

79.2530, -28.1530, 9.1190



Tritanopia

82.4480, 19.5300, 9.4980

Trichromacy



Original Color

82.3650, 10.5390, 34.7870

Protanomaly

78.6100, -24.3040, 21.9680

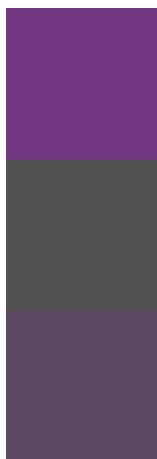
Deuteranomaly

80.0640, -14.0790, 18.3770

Tritanomaly

82.5760, 16.5940, 18.6580

Monochromacy



Original Color

82.3650, 10.5390, 34.7870

Achromatopsia

82.0000, 0.0000, -0.0000

Achromatomaly

82.2430, 4.1700, 12.5380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 82.3650, 10.5390, 34.7870 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(114, 57, 130)` looks like.

```
.text, #text, p{  
    color:rgb(114, 57, 130)  
}
```

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(114, 57, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 57, 130) }
```

Border

The CSS property to change the border of an element to YIQ 82.3650, 10.5390, 34.7870 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(114, 57, 130) }
```


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

```
.border{ border-color:rgb(114, 57, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 57, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 57, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 57, 130);  
box-shadow:4px 4px 4px 4px rgb(114, 57,  
130) }
```

Background

The CSS property to change the background color of an element to YIQ 82.3650, 10.5390, 34.7870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 57, 130) }
```

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

```
.background{ background-color: rgb(114, 57,  
130) }
```

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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