

Converting Colors

YIQ(82.4120, 3.1570, 36.4130)

Have a look what the booklet for
YIQ(82.4120, 3.1570, 36.4130)
contains.

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Color

**YIQ(82.4120, 3.1570,
36.4130)**

Conversions

Conversions Part 1

Format	Color
Hex	6C3A8D
RGB	108, 58, 141
RGB Percent	42%, 23%, 55%
CMY	0.5763, 0.7726, 0.4471
CMYK	0.23, 0.59, 0.00, 0.45
HSL	276°, 42%, 39%
HSV	276°, 59%, 55%
XYZ	12.5084, 8.1376, 26.1056
YIQ	82.4120, 3.1570, 36.4130

Conversions

Conversions Part 2

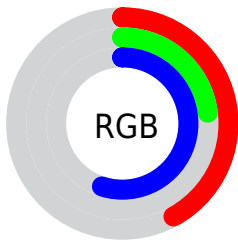
Format	Color
R_{YB}	108, 58, 141
Decimal	7092877
CIE _{Lab}	34.27, 37.65, -37.58
CIE _{LCh}	34, 53.198, 315.058
Yxy	8.1376, 0.2675, 0.1741
Android (android.graphics.Color)	4285282957 (0xFF6C3A8D)
YUV	82.4120, 28.8839, 22.4407
Hunter-Lab	28.5265, 28.3480, -34.2899

Details

The YIQ color **82.4120, 3.1570, 36.4130** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **116.5880, -3.1570, -36.4130**, and the grayscale version is **82.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **134.0640, 4.2570, 38.5050**, and **31.9990, 2.8820, 35.8900** is the 20% darker color. If you saturate the color by 10%, you get **72.4000, 3.4310, 42.4630**, and if you desaturate by 10%, it is **92.4240, 2.8830, 30.3630**.

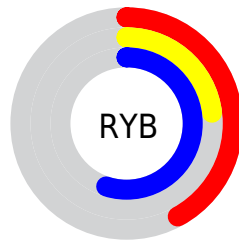
Distribution



Red (42%)

Green (23%)

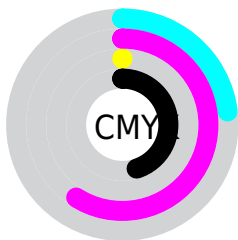
Blue (55%)



Red (42%)

Yellow (23%)

Blue (55%)

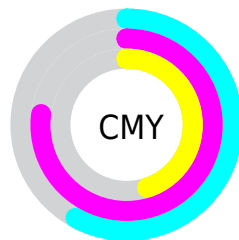


Cyan (23%)

Magenta (59%)

Yellow (0%)

Black (45%)



Cyan (58%)

Magenta (77%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 82.4120, 3.1570, 36.4130 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 82.4120, 3.1570, 36.4130 by changing the saturation by 10% instead.

82.4120, 3.1570,
36.4130

82.4120, 3.1570,
36.4130

255.0000, -0.0000,
-0.0000

57.5860, 2.6070,
35.3670

134.0640, 4.2570,
38.5050

31.9990, 2.8820,
35.8900

160.3030, 5.0820,
40.0740

17.3910, -1.5180,
27.5220

187.8300, 5.0360,
40.9080

4.9020, -13.8030,
13.3730

213.2790, 13.6570,
33.3450

2.9810, -7.0160,
6.0080

232.1070, 10.7250,
20.3970

0.0000, 0.0000,
0.0000

248.5430, 3.0250,

5.7530

■ 82.4120, 3.1570,
36.4130

■ 82.4120, 3.1570,
36.4130

■ 72.4000, 3.4310,
42.4630

■ 92.4240, 2.8830,
30.3630

■ 62.6870, 4.3010,
48.7250

■ 102.1370, 2.0130,
24.1010

■ 52.6750, 4.5750,
54.7750

■ 112.1490, 1.7390,
18.0510

■ 42.9620, 5.4450,
61.0370

■ 121.8620, 0.8690,
11.7890

■ 41.4890, 5.3990,
61.8710

■ 131.8740, 0.5950,
5.7390

■ 142.4730, 0.0460,
-0.8340

■ 152.1860, -0.8240,
-7.0960

■ 162.1980, -1.0980,
-13.1460

■ 171.9110, -1.9680,
-19.4080

Harmonies

Analogous

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



64.9550, -74.0480, 9.3760



82.4120, 3.1570, 36.4130



75.4570, 42.8150, 44.5670

Triad

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



82.4120, 3.1570, 36.4130



76.3610, 49.6110, -12.5410



69.6270, -59.6460, -20.3660

Complementary

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



82.4120, 3.1570, 36.4130



116.5880, -3.1570, -36.4130

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.



64.0240, -45.2470, -33.5270



82.4120, 3.1570, 36.4130



73.5160, 23.7090, -27.7070

Square

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



82.4120, 3.1570, 36.4130



74.2020, 64.1410, 10.4850



62.7820, -15.6270, -41.6990



73.4860, -71.8900, -7.7140

Rectangle

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



82.4120, 3.1570, 36.4130



70.7330, 59.4130, 41.1170



62.7820, -15.6270, -41.6990



68.0310, -55.1520, -24.7200

Sweetspot

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



82.4120, 3.1570, 36.4130



160.4430, 0.7310, 14.2910



86.8330, -35.7180, 8.5540



77.8680, 0.7320, 8.7640



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



82.4120, 3.1570, 36.4130



91.5550, 5.0330, 57.4890



91.3670, 25.3930, 40.9210



66.2930, 0.7330, 3.2370



39.9080, 5.5370, 59.3690



2.4070, 0.4120, 3.5480

Inverse Universe

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



86.5790, 38.8750, 27.8590



98.0970, 61.3840, 43.9440



107.6330, -25.3930, -40.9210



66.4350, 3.2090, 2.4170



46.5210, 63.1260, 45.4140



2.7340, 3.8050, 2.6290

Previews

White Background



This preview shows how the YIQ color 82.4120, 3.1570, 36.4130 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



This preview shows how the YIQ color 82.4120, 3.1570, 36.4130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

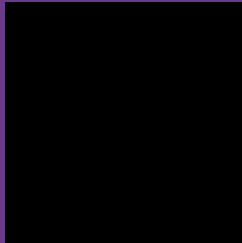
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 82.4120, 3.1570, 36.4130

Background



This preview shows how black text looks on a background with the YIQ color 82.4120, 3.1570, 36.4130.



This preview shows how white text looks on a background with the YIQ color 82.4120, 3.1570,

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

82.4120, 3.1570, 36.4130

Protanopia

72.0280, -57.9560, 15.1000

Deuteranopia

76.4950, -40.5780, 8.5260



Tritanopia

82.4470, 12.1030, 6.4310

Trichromacy



Original Color

82.4120, 3.1570, 36.4130

Protanomaly

75.9770, -35.5830, 22.6330

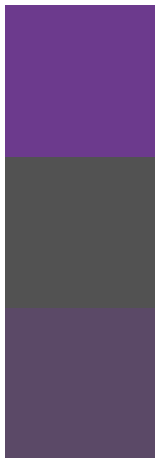
Deuteranomaly

78.6160, -24.4410, 18.9430

Tritanomaly

82.6290, 9.0750, 17.2590

Monochromacy



Original Color

82.4120, 3.1570, 36.4130

Achromatopsia

82.0000, 0.0000, -0.0000

Achromatomaly

81.8020, 1.0980, 13.1460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 82.4120, 3.1570, 36.4130 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(108, 58, 141)` looks like.

```
.text, #text, p{  
    color:rgb(108, 58, 141)  
}
```

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(108, 58, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 58, 141) }
```

Border

The CSS property to change the border of an element to YIQ 82.4120, 3.1570, 36.4130 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(108, 58, 141) }
```


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

```
.border{ border-color:rgb(108, 58, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 58, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 58, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 58, 141);  
box-shadow:4px 4px 4px 4px rgb(108, 58,  
141) }
```

Background

The CSS property to change the background color of an element to YIQ 82.4120, 3.1570, 36.4130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 58, 141) }
```

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

```
.background{ background-color: rgb(108, 58,  
141) }
```

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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