

Converting Colors

YIQ(65.4130, 64.4510, 70.9710)

Have a look what the booklet for
YIQ(65.4130, 64.4510, 70.9710)
contains.

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Color

**YIQ(65.4130, 64.4510,
70.9710)**

Conversions

Conversions Part 1

Format	Color
Hex	AB0273
RGB	171, 2, 115
RGB Percent	67%, 1%, 45%
CMY	0.3289, 0.9923, 0.5489
CMYK	0.00, 0.99, 0.33, 0.33
HSL	320°, 98%, 34%
HSV	320°, 99%, 67%
XYZ	19.9388, 9.9521, 17.1027
YIQ	65.4130, 64.4510, 70.9710

Conversions

Conversions Part 2

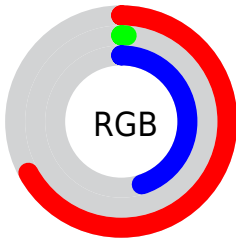
Format	Color
R_{YB}	171, 2, 115
Decimal	11207283
CIE _{Lab}	37.76, 65.38, -15.23
CIE _{LCh}	38, 67.133, 346.890
Yxy	9.9521, 0.4243, 0.2118
Android (android.graphics.Color)	4289397363 (0xFFAB0273)
YUV	65.4130, 24.4464, 92.5998
Hunter-Lab	31.5470, 57.6107, -10.0601

Details

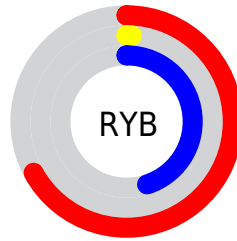
The YIQ color **65.4130, 64.4510, 70.9710** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **107.5870, -64.4510, -70.9710**, and the grayscale version is **65.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **136.2410, 61.5190, 58.0230**, and **41.4250, 45.8410, 44.7930** is the 20% darker color. If you saturate the color by 10%, you get **64.1250, 65.3220, 71.7060**, and if you desaturate by 10%, it is **76.0760, 57.8500, 63.9460**.

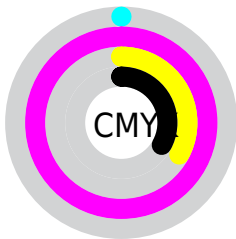
Distribution



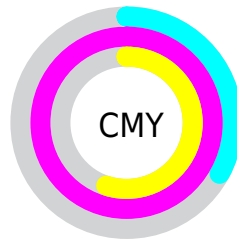
- Red (67%)
- Green (1%)
- Blue (45%)



- Red (67%)
- Yellow (1%)
- Blue (45%)



- Cyan (0%)
- Magenta (99%)
- Yellow (33%)
- Black (33%)



- Cyan (33%)
- Magenta (99%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 65.4130, 64.4510, 70.9710 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 65.4130, 64.4510, 70.9710 by changing the saturation by 10% instead.

65.4130, 64.4510,
70.9710

65.4130, 64.4510,
70.9710

255.0000, -0.0000,
-0.0000

52.7180, 55.7420,
58.0940

136.2410, 61.5190,
58.0230

41.4250, 45.8410,
44.7930

163.5180, 59.1810,
56.3410

30.5450, 36.2150,
32.0150

183.1460, 42.4930,
50.4050

20.3770, 27.4600,
19.9720

203.4750, 25.2090,
44.2570

7.5890, 14.5790,
5.6110

220.9540, 15.9500,
30.3340

0.0000, 0.0000,
0.0000

237.9770, 7.9750,

15.1670

■ 65.4130, 64.4510,
70.9710

■ 65.4130, 64.4510,
70.9710

■ 64.1250, 65.3220,
71.7060

■ 76.0760, 57.8500,
63.9460

■ 86.6250, 51.5700,
56.6100

■ 97.2880, 44.9690,
49.5850

■ 107.9510, 38.3680,
42.5600

■ 119.0870, 31.8130,
34.7010

■ 129.7500, 25.2120,
27.6760

■ 140.4130, 18.6110,
20.6510

■ 150.9620, 12.3310,
13.3150

■ 161.6250, 5.7300,
6.2900

Harmonies

Analogous

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



88.9540, 7.9230, 49.1630



65.4130, 64.4510, 70.9710



60.7740, 87.6990, 57.1310

Triad

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



65.4130, 64.4510, 70.9710



80.5710, 21.8760, -33.0360



83.7220, -84.1780, -5.2820

Complementary

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



65.4130, 64.4510, 70.9710



107.5870, -64.4510, -70.9710

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.



78.7230, -68.7240, -21.0440



65.4130, 64.4510, 70.9710



61.6350, -28.8750, -54.9150

Square

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



65.4130, 64.4510, 70.9710



84.3570, 55.4340, -13.4460



71.6380, -50.1520, -38.2480



82.2180, -90.9660, 7.6100

Rectangle

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



65.4130, 64.4510, 70.9710



74.3500, 84.8160, 26.7680



71.6380, -50.1520, -38.2480



82.5990, -79.6380, -10.4700

Sweetspot

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



65.4130, 64.4510, 70.9710



180.1630, 25.4870, 28.1990



37.4120, -22.0650, 64.0070



87.0380, 15.1730, 16.8770



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



65.4130, 64.4510, 70.9710



83.2500, 84.8040, 93.0920



56.0650, 90.7730, 45.4690



81.3750, 3.4380, 3.7740



56.3640, 56.9790, 63.2110



8.5870, 8.8930, 9.5410

Inverse Universe

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



65.4130, 64.4510, 70.9710



83.2500, 84.8040, 93.0920



116.9350, -90.7730, -45.4690



81.3750, 3.4380, 3.7740



56.3640, 56.9790, 63.2110



8.5870, 8.8930, 9.5410

Previews

White Background



This preview shows how the YIQ color 65.4130, 64.4510, 70.9710 looks on a white background.

Color Contrast Check

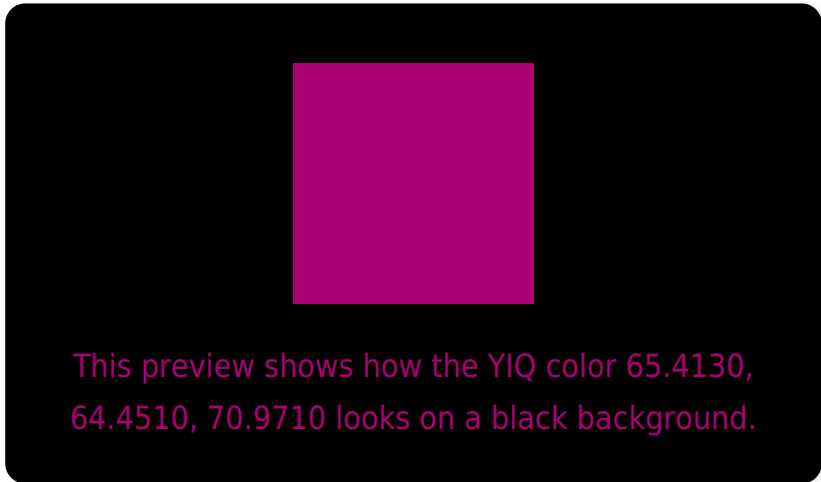
Large Text (above 18pt) WCAG AA ✓ Pass

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

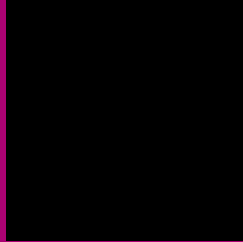
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 65.4130, 64.4510, 70.9710

Background



This preview shows how black text looks on a background with the YIQ color 65.4130, 64.4510, 70.9710.



This preview shows how white text looks on a background with the YIQ color 65.4130, 64.4510,

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

65.4130, 64.4510, 70.9710

Protanopia

87.3840, -44.3390, 16.1170

Deuteranopia

92.2480, -3.3940, 6.4460



Tritanopia

81.7060, 72.0700, 26.4860

Trichromacy



Original Color

65.4130, 64.4510, 70.9710

Protanomaly

79.1060, -4.7290, 36.1590

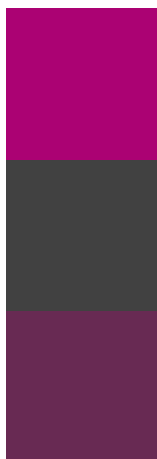
Deuteranomaly

82.1780, 21.1310, 30.0510

Tritanomaly

75.4630, 69.0410, 42.8410

Monochromacy



Original Color

65.4130, 64.4510, 70.9710

Achromatopsia

65.0000, -0.0000, -0.0000

Achromatomaly

65.2120, 23.7910, 25.8950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 65.4130, 64.4510, 70.9710 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(171, 2, 115)` looks like.

```
.text, #text, p{  
  color:rgb(171, 2, 115)  
}
```

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(171, 2, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 2, 115) }
```

Border

The CSS property to change the border of an element to YIQ 65.4130, 64.4510, 70.9710 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(171, 2, 115) }
```


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

```
.border{ border-color:rgb(171, 2, 115) }
```

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

Here you see how a box with a 4 pixel rgb(171, 2, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 2, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 2, 115);  
box-shadow:4px 4px 4px 4px rgb(171, 2,  
115) }
```

Background

The CSS property to change the background color of an element to YIQ 65.4130, 64.4510, 70.9710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 2, 115) }
```

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

```
.background{ background-color: rgb(171, 2,  
115) }
```

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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