

Converting Colors

YIQ(107.7030, -9.8230, 62.4090)

Have a look what the booklet for
YIQ(107.7030, -9.8230, 62.4090)
contains.

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Color

**YIQ(107.7030, -9.8230,
62.4090)**

Conversions

Conversions Part 1

Format	Color
Hex	8946E1
RGB	137, 70, 225
RGB Percent	54%, 27%, 88%
CMY	0.4625, 0.7256, 0.1178
CMYK	0.39, 0.69, 0.00, 0.12
HSL	266°, 72%, 58%
HSV	266°, 69%, 88%
XYZ	26.1007, 15.1348, 72.7508
YIQ	107.7030, -9.8230, 62.4090

Conversions

Conversions Part 2

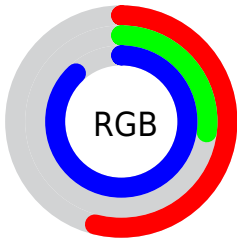
Format	Color
R_{YB}	137, 70, 225
Decimal	8996577
CIE _{Lab}	45.82, 58.54, -68.26
CIE _{LCh}	46, 89.924, 310.613
Yxy	15.1348, 0.2290, 0.1328
Android (android.graphics.Color)	4287186657 (0xFF8946E1)
YUV	107.7030, 57.8274, 25.6935
Hunter-Lab	38.9034, 51.6766, -83.6421

Details

The YIQ color **107.7030, -9.8230, 62.4090** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **187.2970, 9.8230, -62.4090**, and the grayscale version is **107.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **159.8750, 1.1360, 56.5280**, and **49.0450, -10.7860, 63.3420** is the 20% darker color. If you saturate the color by 10%, you get **90.3150, -11.2460, 71.6820**, and if you desaturate by 10%, it is **124.5040, -8.1250, 53.6590**.

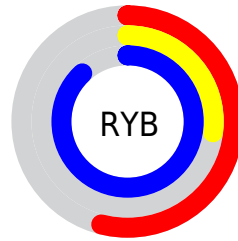
Distribution



Red (54%)

Green (27%)

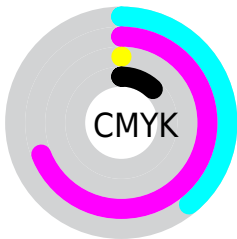
Blue (88%)



Red (54%)

Yellow (27%)

Blue (88%)

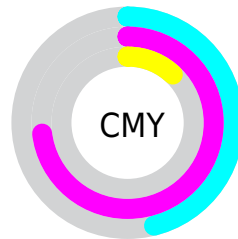


Cyan (39%)

Magenta (69%)

Yellow (0%)

Black (12%)



Cyan (46%)

Magenta (73%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 107.7030, -9.8230, 62.4090 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 107.7030, -9.8230, 62.4090 by changing the saturation by 10% instead.

107.7030, -9.8230,
62.4090

107.7030, -9.8230,
62.4090

255.0000, -0.0000,
-0.0000

79.8770, -10.3730,
61.3630

159.8750, 1.1360,
56.5280

48.9310, -10.4650,
63.0310

184.6940, 11.5910,
48.7670

29.5290, -18.4410,
53.3910

209.8010, 21.1750,
40.2710

13.1100, -36.9150,
35.7650

226.2370, 13.4750,
25.6270

10.1460, -28.5690,
27.6790

243.2600, 5.5000,
10.4600

11.5190, -22.7900,
16.5540

6.5490, -14.3070,

11.4930

■ 2.8670, -6.6950,
5.6970

■ 0.0000, 0.0000,
0.0000

■ 107.7030, -9.8230,
62.4090

■ 107.7030, -9.8230,
62.4090

■ 90.3150, -11.2460,
71.6820

■ 124.5040, -8.1250,
53.6590

■ 73.8130, -12.3480,
80.6440

■ 141.8920, -6.7020,
44.3860

■ 56.4250, -13.7710,
89.9170

■ 158.3940, -5.6000,
35.4240

■ 54.6530, -14.4130,
90.5390

■ 175.7820, -4.1770,
26.1510

■ 192.5830, -2.4790,
17.4010

■ 209.9710, -1.0560,
8.1280

■ 226.4730, 0.0460,
-0.8340

■ 243.8610, 1.4690,
-10.1070

■ 250.6830, 7.8420,
-9.9660

Harmonies

Analogous

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



94.2270, -112.3800, 21.2520



107.7030, -9.8230, 62.4090



81.9270, 75.5880, 94.9160

Triad

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



107.7030, -9.8230, 62.4090



101.6110, 78.2660, -8.7260



96.2820, -80.9640, -30.5000

Complementary

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



107.7030, -9.8230, 62.4090



187.2970, 9.8230, -62.4090

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.



85.4010, -54.4590, -53.8110



107.7030, -9.8230, 62.4090



99.5090, 33.6140, -36.5140

Square

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



107.7030, -9.8230, 62.4090



77.8400, 121.7230, 35.2190



75.7230, -35.4750, -67.4670



103.9030, -103.8010, -7.5850

Rectangle

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



107.7030, -9.8230, 62.4090



81.7230, 102.0450, 83.4930



75.7230, -35.4750, -67.4670



92.7310, -72.3430, -38.0630

Sweetspot

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



107.7030, -9.8230, 62.4090



214.3320, -3.0300, 21.8820



140.5000, -74.5050, 1.1350



103.5350, -2.5240, 12.7080



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



107.7030, -9.8230, 62.4090



94.6760, -13.2200, 85.4360



130.1280, 34.8770, 78.3090



103.7490, -0.5510, 4.4810



42.7880, -11.2000, 70.8480



11.7510, -2.8920, 19.3800

Inverse Universe

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



126.3770, 64.1320, 60.2280



120.0680, 87.8320, 82.2640



164.8720, -34.8770, -78.3090



104.9730, 4.6300, 4.1980



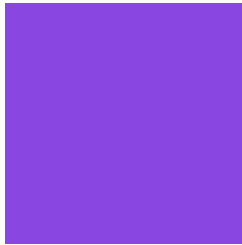
64.0240, 72.7960, 68.4120



17.4300, 19.9410, 18.5730

Previews

White Background



This preview shows how the YIQ color 107.7030, -9.8230, 62.4090 looks on a white background.

Color Contrast Check

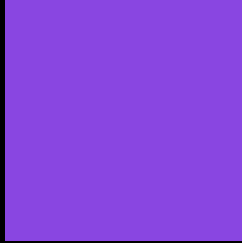
Large Text (above 18pt) WCAG AA ✓ Pass

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 107.7030, -9.8230, 62.4090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

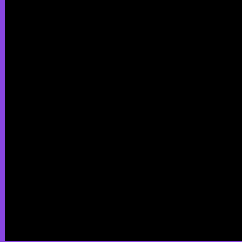
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 107.7030, -9.8230, 62.4090

Background



This preview shows how black text looks on a background with the YIQ color 107.7030, -9.8230, 62.4090.



This preview shows how white text looks on a background with the YIQ color 107.7030, -9.8230,

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

107.7030, -9.8230, 62.4090

Protanopia

86.8290, -99.8160, 13.8160

Deuteranopia

87.0450, -92.1570, 1.6590



Tritanopia

109.0050, 1.6040, 3.9720

Trichromacy



Original Color

107.7030, -9.8230, 62.4090



Protanomaly

94.2620, -66.7620, 31.5260



Deuteranomaly

94.5580, -62.0840, 23.8360



Tritanomaly

108.6250, -2.2970, 25.1190

Monochromacy



Original Color

107.7030, -9.8230, 62.4090



Achromatopsia

108.0000, -0.0000, 0.0000



Achromatomaly

107.9730, -3.3970, 23.0270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 107.7030, -9.8230, 62.4090 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(137, 70, 225)` looks like.

```
.text, #text, p{  
    color:rgb(137, 70, 225)  
}
```

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(137, 70, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 70, 225) }
```

Border

The CSS property to change the border of an element to YIQ 107.7030, -9.8230, 62.4090 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(137, 70, 225) }
```


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

```
.border{ border-color:rgb(137, 70, 225) }
```

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

Here you see how a box with a 4 pixel rgb(137, 70, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 70, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 70, 225);  
box-shadow:4px 4px 4px 4px rgb(137, 70,  
225) }
```

Background

The CSS property to change the background color of an element to YIQ 107.7030, -9.8230, 62.4090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 70, 225) }
```

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

```
.background{ background-color: rgb(137, 70,  
225) }
```

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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