

Converting Colors

YIQ(63.1070, 22.1750, 88.2470)

Have a look what the booklet for
YIQ(63.1070, 22.1750, 88.2470)
contains.

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Color

**YIQ(63.1070, 22.1750,
88.2470)**

Conversions

Conversions Part 1

Format	Color
Hex	8B00BD
RGB	139, 0, 189
RGB Percent	55%, 0%, 74%
CMY	0.4544, 1.0000, 0.2589
CMYK	0.26, 1.00, 0.00, 0.26
HSL	284°, 100%, 37%
HSV	284°, 100%, 74%
XYZ	19.8503, 9.1723, 48.8598
YIQ	63.1070, 22.1750, 88.2470

Conversions

Conversions Part 2

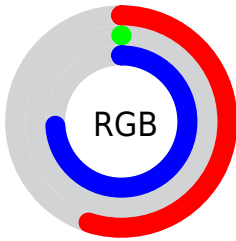
Format	Color
RYB	139, 0, 189
Decimal	9109693
CIELab	36.31, 71.16, -62.92
CIELCh	36, 94.989, 318.516
Yxy	9.1723, 0.2549, 0.1178
Android (android.graphics.Color)	4287299773 (0xFF8B00BD)
YUV	63.1070, 62.0652, 66.5582
Hunter-Lab	30.2858, 63.9943, -74.4521

Details

The YIQ color **63.1070, 22.1750, 88.2470** is a dark color, and the websafe version is hex **9900CC**. A complement of this color would be **125.8930, -22.1750, -88.2470**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.6190, 17.3170, 77.1650**, and **39.4950, 5.2620, 58.8460** is the 20% darker color. If you saturate the color by 10%, you get **63.1070, 22.1750, 88.2470**, and if you desaturate by 10%, it is **75.7550, 19.9300, 79.3700**.

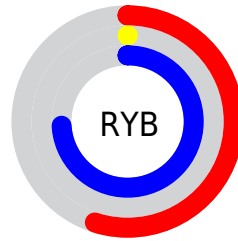
Distribution



Red (55%)

Green (0%)

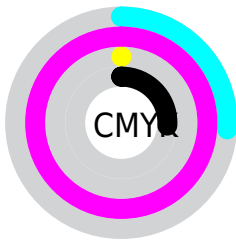
Blue (74%)



Red (55%)

Yellow (0%)

Blue (74%)

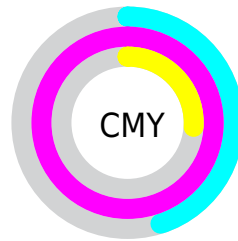


Cyan (26%)

Magenta (100%)

Yellow (0%)

Black (26%)



Cyan (45%)

Magenta (100%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 63.1070, 22.1750, 88.2470 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 63.1070, 22.1750, 88.2470 by changing the saturation by 10% instead.

63.1070, 22.1750,
88.2470

63.1070, 22.1750,
88.2470

255.0000, -0.0000,
-0.0000

51.2440, 13.8790,
73.3910

133.6190, 17.3170,
77.1650

39.4950, 5.2620,
58.8460

160.3390, 23.7370,
70.9450

27.8600, -3.6760,
44.6120

185.1470, 32.7250,
62.2370

15.4420, -14.7230,
30.0530

202.1700, 24.7500,
47.0700

6.7260, -18.9390,
18.3490

219.1930, 16.7750,
31.9030

5.2780, -12.1060,
10.1500

236.2160, 8.8000,

1.3680, -3.8520,

16.7360

3.7320

253.8260, 0.5500,
1.0460

■ 0.0000, 0.0000,
0.0000

■ 63.1070, 22.1750,
88.2470

■ 75.7550, 19.9300,
79.3700

■ 88.4030, 17.6850,
70.4930

■ 101.0510, 15.4400,
61.6160

■ 113.6990, 13.1950,
52.7390

■ 125.7600, 11.2250,
44.3850

■ 138.4080, 8.9800,
35.5080

■ 151.0560, 6.7350,
26.6310

■ 163.7040, 4.4900,
17.7540

■ 176.3520, 2.2450,
8.8770

Harmonies

Analogous

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



74.3370, -97.7100, 30.7220



63.1070, 22.1750, 88.2470



72.6540, 80.1300, 78.6740

Triad

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



63.1070, 22.1750, 88.2470



80.8350, 57.0840, -10.3080



81.4930, -73.7680, -17.7360

Complementary

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



63.1070, 22.1750, 88.2470



125.8930, -22.1750, -88.2470

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.



70.4980, -46.9420, -41.3580



63.1070, 22.1750, 88.2470



73.6940, 8.1680, -37.9120

Square

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



63.1070, 22.1750, 88.2470



53.5210, 106.6840, 37.9480



62.2220, -29.1500, -55.4380



89.3590, -95.9170, 3.7230

Rectangle

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



63.1070, 22.1750, 88.2470



69.9440, 102.1400, 65.2440



62.2220, -29.1500, -55.4380



77.8280, -64.8260, -25.6100

Sweetspot

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



63.1070, 22.1750, 88.2470



195.5820, 8.4300, 34.4620



50.8960, -74.4190, 32.6290



92.8830, 5.5440, 20.6800



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



63.1070, 22.1750, 88.2470



81.7500, 28.6350, 114.3550



73.0410, 66.0990, 85.1630



88.1190, 1.2830, 4.2830



52.6960, 18.4180, 73.7300



10.4110, 3.7570, 14.5170

Inverse Universe

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



62.2110, 96.5940, 55.6180



80.6650, 125.1550, 72.1550



115.9590, -66.0990, -85.1630



87.9190, 4.7220, 2.5300



52.0300, 80.6860, 46.5580



10.1810, 15.9080, 9.0600

Previews

White Background



This preview shows how the YIQ color 63.1070, 22.1750, 88.2470 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

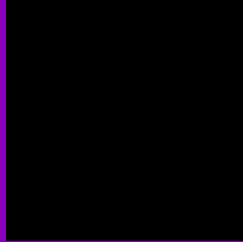
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 63.1070, 22.1750, 88.2470

Background



This preview shows how black text looks on a background with the YIQ color 63.1070, 22.1750, 88.2470.



This preview shows how white text looks on a background with the YIQ color 63.1070, 22.1750,

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

63.1070, 22.1750, 88.2470

Protanopia

70.3010, -80.8340, 11.2140

Deuteranopia

70.5000, -74.5050, 1.1350



Tritanopia

88.9220, 27.0030, 11.7310

Trichromacy



Original Color

63.1070, 22.1750, 88.2470

Protanomaly

67.8090, -43.1970, 39.4830

Deuteranomaly

67.7460, -38.8860, 32.9380

Tritanomaly

79.4270, 25.1640, 39.5640

Monochromacy



Original Color

63.1070, 22.1750, 88.2470

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.1150, 8.2470, 32.2710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 63.1070, 22.1750, 88.2470 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(139, 0, 189)` looks like.

```
.text, #text, p{  
    color:rgb(139, 0, 189)  
}
```

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(139, 0, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 0, 189) }
```

Border

The CSS property to change the border of an element to YIQ 63.1070, 22.1750, 88.2470 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(139, 0, 189) }
```


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

```
.border{ border-color:rgb(139, 0, 189) }
```

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

Here you see how a box with a 4 pixel rgb(139, 0, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 0, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 0, 189);  
box-shadow:4px 4px 4px 4px rgb(139, 0,  
189) }
```

Background

The CSS property to change the background color of an element to YIQ 63.1070, 22.1750, 88.2470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 0, 189) }
```

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

```
.background{ background-color: rgb(139, 0,  
189) }
```

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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