

Converting Colors

YIQ(144.4980, 9.2070, 47.9190)

Have a look what the booklet for
YIQ(144.4980, 9.2070, 47.9190)
contains.

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Color

**YIQ(144.4980, 9.2070,
47.9190)**

Conversions

Conversions Part 1

Format	Color
Hex	B76FD8
RGB	183, 111, 216
RGB Percent	72%, 44%, 85%
CMY	0.2821, 0.5648, 0.1530
CMYK	0.15, 0.49, 0.00, 0.15
HSL	281°, 57%, 64%
HSV	281°, 49%, 85%
XYZ	37.6172, 26.3943, 68.0700
YIQ	144.4980, 9.2070, 47.9190

Conversions

Conversions Part 2

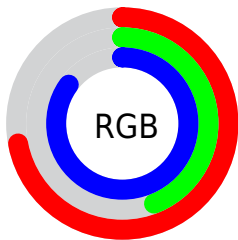
Format	Color
R_{YB}	183, 111, 216
Decimal	12021720
CIE _{Lab}	58.41, 46.37, -42.72
CIE _{LCh}	58, 63.050, 317.346
Yxy	26.3943, 0.2848, 0.1998
Android (android.graphics.Color)	4290211800 (0xFFB76FD8)
YUV	144.4980, 35.2505, 33.7663
Hunter-Lab	51.3754, 40.7912, -42.5937

Details

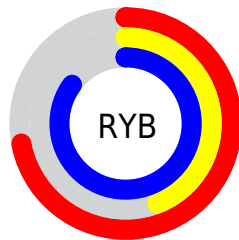
The YIQ color $144.4980, 9.2070, 47.9190$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $182.5020, -9.2070, -47.9190$, and the grayscale version is $144.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $197.9840, 16.4060, 44.1020$, and $91.8460, 8.1070, 45.8270$ is the 20% darker color. If you saturate the color by 10%, you get $129.4910, 11.0850, 57.9410$, and if you desaturate by 10%, it is $159.5050, 7.3290, 37.8970$.

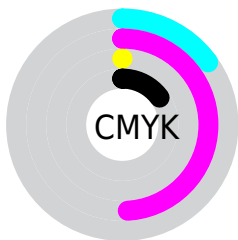
Distribution



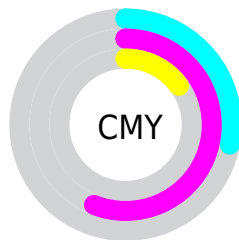
- Red (72%)
- Green (44%)
- Blue (85%)



- Red (72%)
- Yellow (44%)
- Blue (85%)



- Cyan (15%)
- Magenta (49%)
- Yellow (0%)
- Black (15%)



- Cyan (28%)
- Magenta (56%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 144.4980, 9.2070, 47.9190 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 144.4980, 9.2070, 47.9190 by changing the saturation by 10% instead.

144.4980, 9.2070,
47.9190

144.4980, 9.2070,
47.9190

255.0000, -0.0000,
-0.0000

117.6720, 8.6570,
46.8730

197.9840, 16.4060,
44.1020

91.8460, 8.1070,
45.8270

218.0190, 17.3250,
32.9490

65.4330, 7.8320,
45.3040

235.0420, 9.3500,
17.7820

35.9110, 9.4820,
48.4420

252.0650, 1.3750,
2.6150

23.8140, 1.9650,
35.9890

14.6140, -3.7640,
24.1720

5.3920, -12.4270,

10.4610

■ 2.0690, -4.4480,
3.5200

■ 0.0000, 0.0000,
0.0000

■ 144.4980, 9.2070,
47.9190

■ 144.4980, 9.2070,
47.9190

■ 129.4910, 11.0850,
57.9410

■ 159.5050, 7.3290,
37.8970

■ 115.3700, 13.2840,
67.6520

■ 173.9250, 5.7260,
28.3980

■ 100.3630, 15.1620,
77.6740

■ 188.6330, 3.2520,
18.1640

■ 85.9430, 16.7650,
87.1730

■ 203.0530, 1.6490,
8.6650

70.9360, 18.6430,
97.1950

218.0600, -0.2290,
-1.3570

68.8760, 18.8720,
98.5520

233.0670, -2.1070,
-11.3790

243.0790, -2.3810,
-17.4290

245.1720, 1.7910,
-15.9450

247.2650, 5.9630,
-14.4610

Harmonies

Analogous

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



135.1990, -62.4510, 24.9810



144.4980, 9.2070, 47.9190



139.3390, 58.1270, 53.4150

Triad

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



144.4980, 9.2070, 47.9190



133.3460, 71.1620, -23.1580



117.0500, -100.8620, -33.3260

Complementary

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



144.4980, 9.2070, 47.9190



182.5020, -9.2070, -47.9190

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.



109.8510, -81.9690, -50.8410



144.4980, 9.2070, 47.9190



129.0930, 37.4210, -44.9390

Square

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



144.4980, 9.2070, 47.9190



135.7390, 84.4980, 10.4980



121.1030, -21.2650, -49.6570



120.8750, -115.7660, -16.5180

Rectangle

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



144.4980, 9.2070, 47.9190



136.0620, 77.6600, 46.3320



121.1030, -21.2650, -49.6570



114.8840, -94.7630, -39.2350

Sweetspot

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



144.4980, 9.2070, 47.9190



229.1060, 3.2980, 17.3300



142.3410, -42.7800, 15.3960



112.1070, 1.5570, 10.3330



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.



144.4980, 9.2070, 47.9190



154.3700, 13.2840, 67.6520



152.1990, 34.9740, 49.0060



99.6460, 1.2370, 5.1170



54.4770, 14.8410, 77.9850



13.8720, 4.0770, 19.7330

Inverse Universe

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



146.1570, 51.9870, 32.5230



156.4960, 73.4420, 45.6820



174.8010, -34.9740, -49.0060



99.7450, 5.2720, 3.5760



57.2850, 84.5820, 53.0460



14.4530, 21.1340, 13.4700

Previews

White Background



This preview shows how the YIQ color 144.4980, 9.2070, 47.9190 looks on a white background.

Color Contrast Check

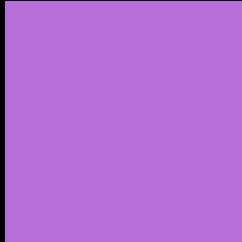
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 144.4980, 9.2070, 47.9190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

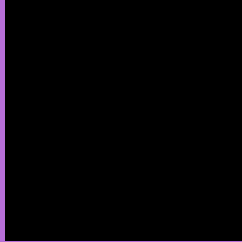
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 144.4980, 9.2070, 47.9190

Background



This preview shows how black text looks on a background with the YIQ color 144.4980, 9.2070, 47.9190.



This preview shows how white text looks on a background with the YIQ color 144.4980, 9.2070,

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

144.4980, 9.2070, 47.9190

Protanopia

136.7820, -56.9030, 23.5530

Deuteranopia

138.7110, -40.9460, 15.1980



Tritanopia

142.6980, 21.8220, 12.0140

Trichromacy



Original Color

144.4980, 9.2070, 47.9190



Protanomaly

139.7420, -33.0630, 32.0330



Deuteranomaly

140.5550, -22.4710, 27.2970



Tritanomaly

142.9770, 17.1430, 25.2310

Monochromacy



Original Color

144.4980, 9.2070, 47.9190



Achromatopsia

144.0000, -0.0000, 0.0000



Achromatomaly

144.1060, 3.2980, 17.3300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 144.4980, 9.2070, 47.9190 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(183, 111, 216)` looks like.

```
.text, #text, p{  
    color:rgb(183, 111, 216)  
}
```

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(183, 111, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 111, 216) }
```

Border

The CSS property to change the border of an element to YIQ 144.4980, 9.2070, 47.9190 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(183, 111, 216) }
```


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

```
.border{ border-color:rgb(183, 111, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 111, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 111, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 111, 216);  
box-shadow:4px 4px 4px 4px rgb(183, 111,  
216) }
```

Background

The CSS property to change the background color of an element to YIQ 144.4980, 9.2070, 47.9190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 111, 216) }
```

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

```
.background{ background-color: rgb(183,  
111, 216) }
```

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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