

Converting Colors

YIQ(117.4230, 13.7920, 47.4240)

Have a look what the booklet for
YIQ(117.4230, 13.7920, 47.4240)
contains.

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Color

**YIQ(117.4230, 13.7920,
47.4240)**

Conversions

Conversions Part 1

Format	Color
Hex	A053B7
RGB	160, 83, 183
RGB Percent	63%, 33%, 72%
CMY	0.3723, 0.6746, 0.2824
CMYK	0.13, 0.55, 0.00, 0.28
HSL	286°, 41%, 52%
HSV	286°, 55%, 72%
XYZ	26.1472, 17.0803, 46.7153
YIQ	117.4230, 13.7920, 47.4240

Conversions

Conversions Part 2

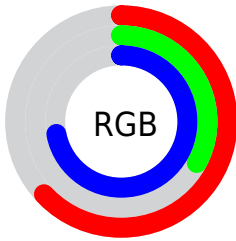
Format	Color
R _Y B	160, 83, 183
Decimal	10507191
CIE Lab	48.36, 47.77, -39.88
CIE LCh	48, 62.225, 320.144
Yxy	17.0803, 0.2907, 0.1899
Android (android.graphics.Color)	4288697271 (0xFFA053B7)
YUV	117.4230, 32.3295, 37.3400
Hunter-Lab	41.3283, 40.6070, -38.0884

Details

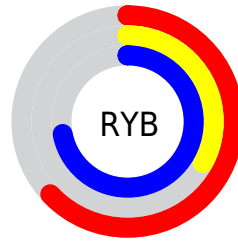
The YIQ color **117.4230, 13.7920, 47.4240** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **148.5770, -13.7920, -47.4240**, and the grayscale version is **117.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **171.9610, 15.2130, 49.2050**, and **64.0100, 13.5170, 46.9010** is the 20% darker color. If you saturate the color by 10%, you get **105.6610, 16.3580, 55.9900**, and if you desaturate by 10%, it is **129.1850, 11.2260, 38.8580**.

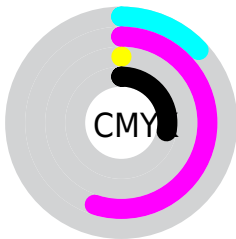
Distribution



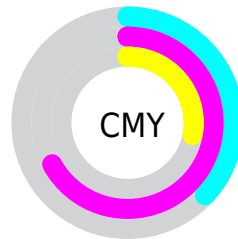
- Red (63%)
- Green (33%)
- Blue (72%)



- Red (63%)
- Yellow (33%)
- Blue (72%)



- Cyan (13%)
- Magenta (55%)
- Yellow (0%)
- Black (28%)



- Cyan (37%)
- Magenta (67%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 117.4230, 13.7920, 47.4240 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 117.4230, 13.7920, 47.4240 by changing the saturation by 10% instead.

117.4230, 13.7920,
47.4240

117.4230, 13.7920,
47.4240

255.0000, -0.0000,
-0.0000

91.0100, 13.5170,
46.9010

171.9610, 15.2130,
49.2050

64.0100, 13.5170,
46.9010

198.3050, 19.9360,
46.2080

35.4770, 13.7000,
49.0920

217.4320, 17.6000,
33.4720

25.1520, 6.8250,
36.0170

233.8680, 9.9000,
18.8280

15.9520, 1.0960,
24.2000

250.8910, 1.9250,
3.6610

4.9360, -11.1430,
9.2170

0.6840, -1.9260,

1.8660

■ 0.0000, 0.0000,
0.0000

■ 117.4230, 13.7920,
47.4240

■ 117.4230, 13.7920,
47.4240

■ 105.6610, 16.3580,
55.9900

■ 129.1850, 11.2260,
38.8580

■ 93.3120, 19.1990,
65.0790

■ 141.5340, 8.3850,
29.7690

■ 81.2510, 21.1690,
73.4330

■ 153.5950, 6.4150,
21.4150

■ 69.4890, 23.7350,
81.9990

■ 165.3570, 3.8490,
12.8490

■ 63.0210, 25.2930,
86.8050

■ 177.1190, 1.2830,
4.2830

■ 189.4680, -1.5580,
-4.8060

■ 201.2300, -4.1240,
-13.3720

■ 213.2910, -6.0940,
-21.7260

■ 225.6400, -8.9350,
-30.8150

Harmonies

Analogous

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



109.3200, -55.4820, 25.3340



117.4230, 13.7920, 47.4240



109.5240, 59.0440, 53.3160

Triad

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



117.4230, 13.7920, 47.4240



107.9690, 62.0380, -23.0020



98.1060, -86.1000, -25.5240

Complementary

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



117.4230, 13.7920, 47.4240



148.5770, -13.7920, -47.4240

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.



91.2490, -68.1700, -42.1060



117.4230, 13.7920, 47.4240



103.5960, 28.7550, -42.0690

Square

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



117.4230, 13.7920, 47.4240



108.9940, 79.2260, 6.9220



91.1170, -33.0480, -50.8720



101.4750, -99.7200, -9.9600

Rectangle

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



117.4230, 13.7920, 47.4240



106.0510, 76.1930, 45.3850



91.1170, -33.0480, -50.8720



96.6410, -80.5970, -31.6450

Sweetspot

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



117.4230, 13.7920, 47.4240



212.0030, 5.0860, 17.9660



107.9010, -38.4250, 19.0710



105.0040, 3.3450, 10.9690



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



117.4230, 13.7920, 47.4240



134.6640, 21.4440, 73.9560



121.2220, 36.1670, 43.9030



86.1190, 1.2830, 4.2830



53.6640, 21.4440, 73.9560



9.7700, 4.1240, 13.3720

Inverse Universe

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



115.5220, 52.2170, 28.3530



131.7480, 81.4200, 44.2680



144.7780, -36.1670, -43.9030



85.9190, 4.7220, 2.5300



50.7480, 81.4200, 44.2680



9.0560, 14.7620, 7.8020

Previews

White Background



This preview shows how the YIQ color 117.4230, 13.7920, 47.4240 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 117.4230, 13.7920, 47.4240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

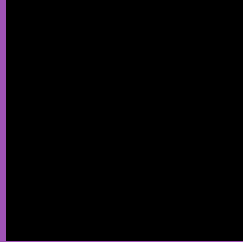
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 117.4230, 13.7920, 47.4240

Background



This preview shows how black text looks on a background with the YIQ color 117.4230, 13.7920, 47.4240.



This preview shows how white text looks on a background with the YIQ color 117.4230, 13.7920,

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

117.4230, 13.7920, 47.4240

Protanopia

109.4180, -58.8740, 20.7260

Deuteranopia

112.7990, -38.3780, 12.7100



Tritanopia

117.2640, 26.0400, 12.6640

Trichromacy



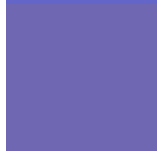
Original Color

117.4230, 13.7920, 47.4240



Protanomaly

111.9870, -32.3750, 30.5770



Deuteranomaly

114.3550, -19.0320, 25.5440



Tritanomaly

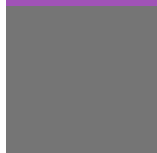
117.4290, 21.6820, 25.5700

Monochromacy



Original Color

117.4230, 13.7920, 47.4240



Achromatopsia

117.0000, -0.0000, 0.0000



Achromatomaly

117.4760, 5.1320, 17.1320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.4230, 13.7920, 47.4240 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(160, 83, 183)` looks like.

```
.text, #text, p{  
    color:rgb(160, 83, 183)  
}
```

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(160, 83, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 83, 183) }
```

Border

The CSS property to change the border of an element to YIQ 117.4230, 13.7920, 47.4240 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(160, 83, 183) }
```


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

```
.border{ border-color:rgb(160, 83, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 83, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(160, 83, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(160, 83, 183); box-shadow:4px 4px 4px 4px rgb(160, 83, 183) }
```

Background

The CSS property to change the background color of an element to YIQ 117.4230, 13.7920, 47.4240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 83, 183) }
```

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

```
.background{ background-color: rgb(160, 83,  
183) }
```

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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