

Converting Colors

YIQ(97.5430, 92.4230, 48.6070)

Have a look what the booklet for
YIQ(97.5430, 92.4230, 48.6070)
contains.

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Color

**YIQ(97.5430, 92.4230,
48.6070)**

Conversions

Conversions Part 1

Format	Color
Hex	D8294E
RGB	216, 41, 78
RGB Percent	85%, 16%, 31%
CMY	0.1525, 0.8394, 0.6938
CMYK	0.00, 0.81, 0.64, 0.15
HSL	347°, 69%, 50%
HSV	347°, 81%, 85%
XYZ	30.5207, 16.7481, 8.8480
YIQ	97.5430, 92.4230, 48.6070

Conversions

Conversions Part 2

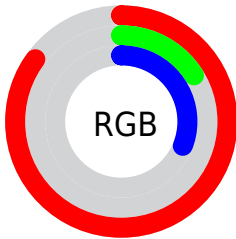
Format	Color
R_{YB}	216, 41, 78
Decimal	14166350
CIE Lab	47.94, 66.78, 23.62
CIE LCh	48, 70.835, 19.474
Yxy	16.7481, 0.5439, 0.2985
Android (android.graphics.Color)	4292356430 (0xFFD8294E)
YUV	97.5430, -9.6347, 103.8868
Hunter-Lab	40.9244, 61.5041, 15.8284

Details

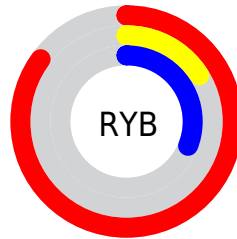
The YIQ color **97.5430, 92.4230, 48.6070** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **159.4570, -92.4230, -48.6070**, and the grayscale version is **98.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **152.3580, 82.3380, 38.6420**, and **49.6230, 80.2740, 43.0100** is the 20% darker color. If you saturate the color by 10%, you get **82.6910, 103.9300, 54.8260**, and if you desaturate by 10%, it is **112.3950, 80.9160, 42.3880**.

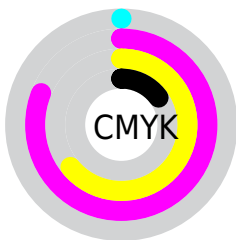
Distribution



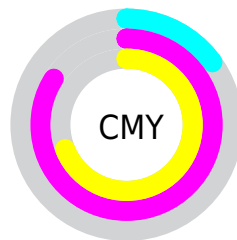
- Red (85%)
- Green (16%)
- Blue (31%)



- Red (85%)
- Yellow (16%)
- Blue (31%)



- Cyan (0%)
- Magenta (81%)
- Yellow (64%)
- Black (15%)





- Cyan (15%)
- Magenta (84%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 97.5430, 92.4230, 48.6070 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 97.5430, 92.4230, 48.6070 by changing the saturation by 10% instead.


 97.5430, 92.4230,
48.6070


 97.5430, 92.4230,
48.6070


255.0000, -0.0000,
-0.0000


 61.6990, 92.2840,
56.6360


 152.3580, 82.3380,
38.6420

 50.0360, 80.5490,
43.5330


 172.3450, 66.0170,
31.5610


 38.3730, 68.8140,
30.4300


 192.3320, 49.6960,
24.4800

 27.6220, 54.5110,
19.8150

 212.5470, 32.7330,
18.0210

 19.1790, 36.5850,
14.2890

 233.3490, 15.4950,
11.0390

 8.4860, 16.3670,
6.2470

 253.2390, 0.8250,

 0.0000, 0.0000,

1.5690

0.0000

■ 97.5430, 92.4230,
48.6070

■ 97.5430, 92.4230,
48.6070

■ 82.6910, 103.9300,
54.8260

■ 112.3950, 80.9160,
42.3880

■ 69.8280, 113.9700,
60.0980

■ 126.6600, 69.6840,
36.6920

■ 141.5120, 58.1770,
30.4730

■ 155.7770, 46.9450,
24.7770

■ 170.6290, 35.4380,
18.5580

■ 185.4810, 23.9310,
12.3390

■ 199.7460, 12.6990,
6.6430

■ 214.5980, 1.1920,
0.4240

■ 228.8630,
-10.0400, -5.2720

Harmonies

Analogous

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



101.4040, 68.6700, 66.0940



97.5430, 92.4230, 48.6070



104.5670, 90.7340, 7.6140

Triad

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



97.5430, 92.4230, 48.6070



80.6930, -43.9580, -62.4060



101.1110, -109.7180, 6.0420

Complementary

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



97.5430, 92.4230, 48.6070



159.4570, -92.4230, -48.6070

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.



103.6750, -103.1590, -8.2070



97.5430, 92.4230, 48.6070



91.2660, -66.8400, -44.1840

Square

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



97.5430, 92.4230, 48.6070



102.4000, 26.3710, -42.9170



99.5080, -87.2920, -25.9480



102.2560, -75.7930, 24.4870

Rectangle

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



97.5430, 92.4230, 48.6070



106.8940, 75.7910, -13.4330



99.5080, -87.2920, -25.9480



103.3620, -109.1670, 1.5610

Sweetspot

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



97.5430, 92.4230, 48.6070



213.7210, 32.1830, 16.9750



101.9130, 25.4770, 83.4690



102.8610, 19.8050, 10.0210



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.



97.5430, 92.4230, 48.6070



87.7810, 130.5200, 68.5360



122.6750, 90.5500, 10.9500



99.6310, 5.5930, 3.2650



55.2330, 90.3600, 47.4480



13.8830, 22.7390, 11.9150

Inverse Universe

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



97.5430, 92.4230, 48.6070



87.7810, 130.5200, 68.5360



134.3250, -90.5500, -10.9500



99.6310, 5.5930, 3.2650



55.2330, 90.3600, 47.4480



13.8830, 22.7390, 11.9150

Previews

White Background



This preview shows how the YIQ color 97.5430, 92.4230, 48.6070 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 97.5430, 92.4230, 48.6070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

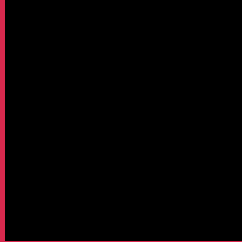
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 97.5430, 92.4230, 48.6070

Background



This preview shows how black text looks on a background with the YIQ color 97.5430, 92.4230, 48.6070.



This preview shows how white text looks on a background with the YIQ color 97.5430, 92.4230,

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

97.5430, 92.4230, 48.6070

Protanopia

114.5120, 4.3100, -1.0180

Deuteranopia

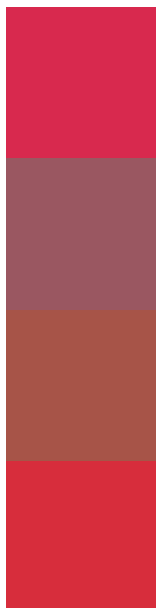
113.4100, 30.7200, -6.0800



Tritanopia

98.0470, 99.2110, 35.7150

Trichromacy



Original Color

97.5430, 92.4230, 48.6070

Protanomaly

108.1730, 36.7220, 17.3140

Deuteranomaly

107.4490, 53.3200, 13.8640

Tritanomaly

97.5400, 96.5050, 40.7050

Monochromacy



Original Color

97.5430, 92.4230, 48.6070

Achromatopsia

98.0000, -0.0000, -0.0000

Achromatomaly

97.7320, 33.6500, 17.9220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 97.5430, 92.4230, 48.6070 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(216, 41, 78)` looks like.

```
.text, #text, p{  
    color:rgb(216, 41, 78)  
}
```

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(216, 41, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 41, 78) }
```

Border

The CSS property to change the border of an element to YIQ 97.5430, 92.4230, 48.6070 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(216, 41, 78) }
```


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

```
.border{ border-color:rgb(216, 41, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 41, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 41, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 41, 78);  
box-shadow:4px 4px 4px 4px rgb(216, 41,  
78) }
```

Background

The CSS property to change the background color of an element to YIQ 97.5430, 92.4230, 48.6070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 41, 78) }
```

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

```
.background{ background-color: rgb(216, 41,  
78) }
```

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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