

Converting Colors

YIQ(96.7230, 91.7360, 44.5360)

Have a look what the booklet for
YIQ(96.7230, 91.7360, 44.5360)
contains.

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Color

**YIQ(96.7230, 91.7360,
44.5360)**

Conversions

Conversions Part 1

Format	Color
Hex	D42B47
RGB	212, 43, 71
RGB Percent	83%, 17%, 28%
CMY	0.1682, 0.8316, 0.7212
CMYK	0.00, 0.80, 0.66, 0.17
HSL	350°, 66%, 50%
HSV	350°, 80%, 83%
XYZ	29.1837, 16.1916, 7.5631
YIQ	96.7230, 91.7360, 44.5360

Conversions

Conversions Part 2

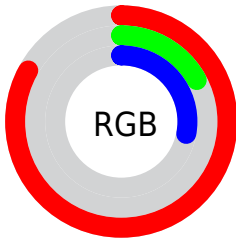
Format	Color
RYB	212, 43, 71
Decimal	13904711
CIELab	47.22, 64.80, 26.79
CIElCh	47, 70.117, 22.467
Yxy	16.1916, 0.5513, 0.3059
Android (android.graphics.Color)	4292094791 (0xFFD42B47)
YUV	96.7230, -12.6814, 101.0979
Hunter-Lab	40.2388, 59.0414, 17.0233

Details

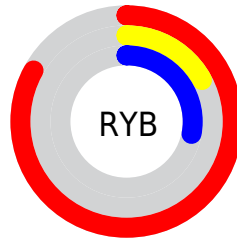
The YIQ color **96.7230, 91.7360, 44.5360** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **158.2770, -91.7360, -44.5360**, and the grayscale version is **97.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **151.4460, 84.9060, 36.1540**, and **48.0420, 80.4120, 40.5080** is the 20% darker color. If you saturate the color by 10%, you get **82.3440, 103.2890, 49.9210**, and if you desaturate by 10%, it is **111.1020, 80.1830, 39.1510**.

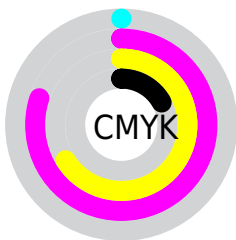
Distribution



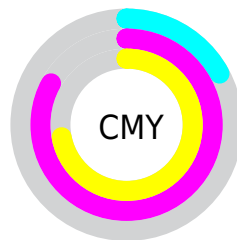
- Red (83%)
- Green (17%)
- Blue (28%)



- Red (83%)
- Yellow (17%)
- Blue (28%)



- Cyan (0%)
- Magenta (80%)
- Yellow (66%)
- Black (17%)





- Cyan (17%)
- Magenta (83%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 96.7230, 91.7360, 44.5360 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 96.7230, 91.7360, 44.5360 by changing the saturation by 10% instead.


 96.7230, 91.7360,
44.5360


 96.7230, 91.7360,
44.5360


255.0000, -0.0000,
-0.0000


 59.7050, 92.1470,
53.6110


 151.4460, 84.9060,
36.1540


 48.0420, 80.4120,
40.5080


 171.4330, 68.5850,
29.0730


 36.0370, 69.6400,
26.4720


 191.4200, 52.2640,
21.9920

 26.4260, 52.1270,
18.9670

 211.6350, 35.3010,
15.5330

 18.2820, 34.7970,
13.6530

 231.8500, 18.3380,
9.0740

 6.2790, 12.5160,
4.4520

 252.6520, 1.1000,

 0.0000, 0.0000,

2.0920

0.0000

■ 96.7230, 91.7360,
44.5360

■ 96.7230, 91.7360,
44.5360

■ 82.3440, 103.2890,
49.9210

■ 111.1020, 80.1830,
39.1510

■ 68.0790, 114.5210,
55.6170

■ 125.3670, 68.9510,
33.4550


■ 67.3780, 115.1170,
55.8290


■ 140.3330, 57.1230,
27.5470


■ 154.7120, 45.5700,
22.1620

■ 168.9770, 34.3380,
16.4660

■ 183.3560, 22.7850,
11.0810

 197.7350, 11.2320,
5.6960

 212.7010, -0.5960,
-0.2120

 226.9660,
-11.8280, -5.9080

Harmonies

Analogous

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



98.4320, 71.4670, 64.9630



96.7230, 91.7360, 44.5360



102.8070, 89.8180, 2.1860

Triad

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



96.7230, 91.7360, 44.5360



80.9040, -45.9300, -59.7060



99.0080, -107.9300, 6.6780

Complementary

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



96.7230, 91.7360, 44.5360



158.2770, -91.7360, -44.5360

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.



102.0280, -102.6550, -6.3270



96.7230, 91.7360, 44.5360



90.6620, -67.8950, -41.5830

Square

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



96.7230, 91.7360, 44.5360



99.7200, 22.4740, -43.8780



98.2030, -87.7510, -23.1350



105.8020, -59.6550, 29.3770

Rectangle

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



96.7230, 91.7360, 44.5360



105.3880, 71.3440, -15.4400



98.2030, -87.7510, -23.1350



100.7860, -107.4250, 3.0310

Sweetspot

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



96.7230, 91.7360, 44.5360



213.3790, 33.1460, 16.0420



104.4250, 29.7870, 82.4510



102.7470, 20.1260, 9.7100



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.



96.7230, 91.7360, 44.5360



87.9290, 132.8590, 64.6910



126.4030, 85.3240, 6.5400



99.5170, 5.9140, 2.9540



54.3210, 92.9280, 44.9600



13.6550, 23.3810, 11.2930

Inverse Universe

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



96.7230, 91.7360, 44.5360



87.9290, 132.8590, 64.6910



128.5970, -85.3240, -6.5400



99.5170, 5.9140, 2.9540



54.3210, 92.9280, 44.9600



13.6550, 23.3810, 11.2930

Previews

White Background



This preview shows how the YIQ color 96.7230, 91.7360, 44.5360 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 96.7230, 91.7360, 44.5360 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 96.7230, 91.7360, 44.5360

Background



This preview shows how black text looks on a background with the YIQ color 96.7230, 91.7360, 44.5360.

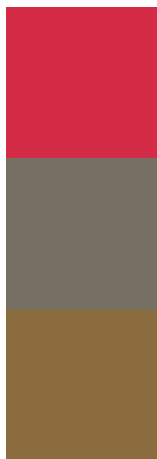


This preview shows how white text looks on a background with the YIQ color 96.7230, 91.7360,

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

96.7230, 91.7360, 44.5360

Protanopia

112.1980, 8.0700, -3.0820

Deuteranopia

111.7260, 32.6460, -7.9460



Tritanopia

96.8510, 96.8270, 34.8670

Trichromacy



Original Color

96.7230, 91.7360, 44.5360

Protanomaly

106.5490, 38.4190, 14.0910

Deuteranomaly

106.0530, 54.3750, 11.2630

Tritanomaly

96.5890, 94.8090, 38.4010

Monochromacy



Original Color

96.7230, 91.7360, 44.5360

Achromatopsia

97.0000, -0.0000, 0.0000

Achromatomaly

96.7920, 33.4210, 16.5650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 96.7230, 91.7360, 44.5360 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(212, 43, 71)` looks like.

```
.text, #text, p{  
    color:rgb(212, 43, 71)  
}
```

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(212, 43, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 43, 71) }
```

Border

The CSS property to change the border of an element to YIQ 96.7230, 91.7360, 44.5360 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(212, 43, 71) }
```


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

```
.border{ border-color:rgb(212, 43, 71) }
```

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

Here you see how a box with a 4 pixel rgb(212, 43, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 43, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 43, 71);  
box-shadow:4px 4px 4px 4px rgb(212, 43,  
71) }
```

Background

The CSS property to change the background color of an element to YIQ 96.7230, 91.7360, 44.5360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 43, 71) }
```

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

```
.background{ background-color: rgb(212, 43,  
71) }
```

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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