

Converting Colors

YIQ(97.3210, 92.9280, 44.9600)

Have a look what the booklet for
YIQ(97.3210, 92.9280, 44.9600)
contains.

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Color

**YIQ(97.3210, 92.9280,
44.9600)**

Conversions

Conversions Part 1

Format	Color
Hex	D62B47
RGB	214, 43, 71
RGB Percent	84%, 17%, 28%
CMY	0.1604, 0.8316, 0.7212
CMYK	0.00, 0.80, 0.67, 0.16
HSL	350°, 68%, 50%
HSV	350°, 80%, 84%
XYZ	29.7646, 16.4910, 7.5905
YIQ	97.3210, 92.9280, 44.9600

Conversions

Conversions Part 2

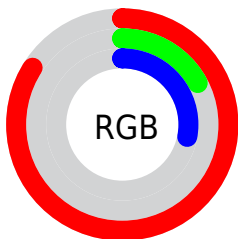
Format	Color
RYB	214, 43, 71
Decimal	14035783
CIELab	47.61, 65.35, 27.36
CIElCh	48, 70.847, 22.721
Yxy	16.4910, 0.5528, 0.3063
Android (android.graphics.Color)	4292225863 (0xFFD62B47)
YUV	97.3210, -12.9763, 102.3275
Hunter-Lab	40.6092, 59.7660, 17.3442

Details

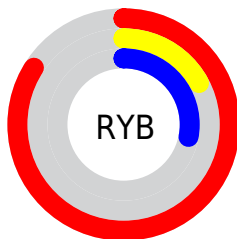
The YIQ color **97.3210, 92.9280, 44.9600** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **159.6790, -92.9280, -44.9600**, and the grayscale version is **97.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **152.0330, 84.6310, 35.6310**, and **48.3410, 81.0080, 40.7200** is the 20% darker color. If you saturate the color by 10%, you get **82.9420, 104.4810, 50.3450**, and if you desaturate by 10%, it is **111.7000, 81.3750, 39.5750**.

Distribution



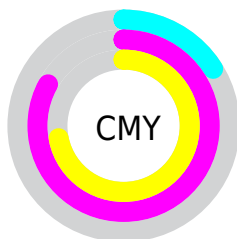
- Red (84%)
- Green (17%)
- Blue (28%)



- Red (84%)
- Yellow (17%)
- Blue (28%)



- Cyan (0%)
- Magenta (80%)
- Yellow (67%)
- Black (16%)





- Cyan (16%)
- Magenta (83%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 97.3210, 92.9280, 44.9600 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 97.3210, 92.9280, 44.9600 by changing the saturation by 10% instead.


 97.3210, 92.9280,
44.9600


 97.3210, 92.9280,
44.9600


255.0000, -0.0000,
-0.0000


 60.3030, 93.3390,
54.0350


 152.0330, 84.6310,
35.6310


 48.3410, 81.0080,
40.7200


 171.4330, 68.5850,
29.0730


 36.6350, 70.8320,
26.8960


 191.4200, 52.2640,
21.9920

 27.0240, 53.3190,
19.3910

 211.6350, 35.3010,
15.5330

 18.5810, 35.3930,
13.8650

 232.4370, 18.0630,
8.5510

 7.5890, 14.5790,
5.6110

 253.2390, 0.8250,

 0.0000, 0.0000,

1.5690

0.0000

■ 97.3210, 92.9280,
44.9600

■ 97.3210, 92.9280,
44.9600

■ 82.9420, 104.4810,
50.3450

■ 111.7000, 81.3750,
39.5750

■ 67.9760, 116.3090,
56.2530

■ 126.6660, 69.5470,
33.6670

■ 141.0450, 57.9940,
28.2820

■ 156.0110, 46.1660,
22.3740

■ 170.3900, 34.6130,
16.9890

■ 184.6550, 23.3810,
11.2930

■ 199.6210, 11.5530,
5.3850

■ 214.0000, -0.0000,
0.0000

■ 228.9660,
-11.8280, -5.9080

Harmonies

Analogous

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



98.4430, 72.9340, 65.9100



97.3210, 92.9280, 44.9600



103.4650, 90.7810, 1.2530

Triad

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



97.3210, 92.9280, 44.9600



81.6050, -46.5260, -59.9180



99.9370, -109.1680, 7.0880

Complementary

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



97.3210, 92.9280, 44.9600



159.6790, -92.9280, -44.9600

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.



102.9570, -103.8930, -5.9170



97.3210, 92.9280, 44.9600



91.9500, -68.7660, -42.3180

Square

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



97.3210, 92.9280, 44.9600



100.3070, 22.1990, -44.4010



99.6050, -88.9430, -23.5590



107.0300, -60.2970, 29.9990

Rectangle

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



97.3210, 92.9280, 44.9600



106.2740, 71.6650, -15.7510



99.6050, -88.9430, -23.5590



101.7150, -108.6630, 3.4410

Sweetspot

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



97.3210, 92.9280, 44.9600



213.3790, 33.1460, 16.0420



105.2510, 30.3370, 83.4970



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.



97.3210, 92.9280, 44.9600



87.8150, 133.1800, 64.3800



127.5880, 86.2410, 6.4410



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.



97.3210, 92.9280, 44.9600



87.8150, 133.1800, 64.3800



129.4120, -86.2410, -6.4410



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 97.3210, 92.9280, 44.9600 looks on a white background.

Color Contrast Check

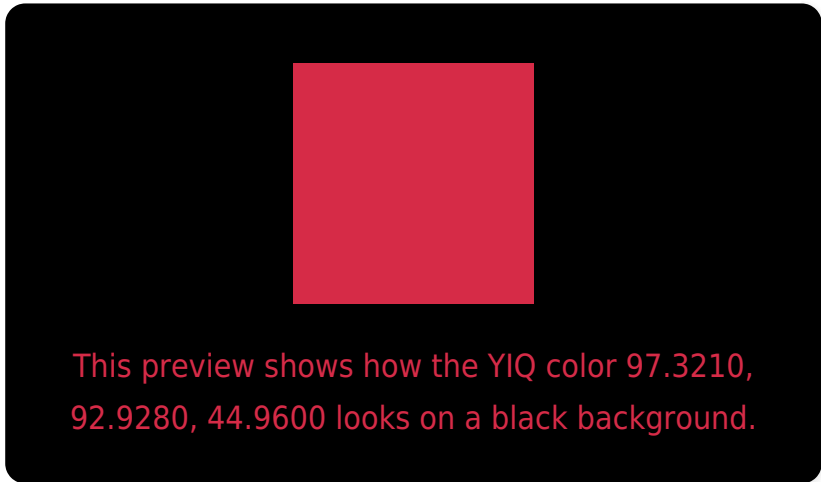
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 97.3210, 92.9280, 44.9600

Background



This preview shows how black text looks on a background with the YIQ color 97.3210, 92.9280, 44.9600.

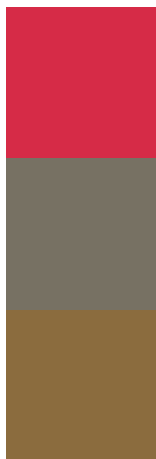


This preview shows how white text looks on a background with the YIQ color 97.3210, 92.9280,

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

97.3210, 92.9280, 44.9600

Protanopia

113.1980, 8.0700, -3.0820

Deuteranopia

112.0250, 33.2420, -7.7340



Tritanopia

97.3350, 98.3400, 34.9800

Trichromacy



Original Color

97.3210, 92.9280, 44.9600

Protanomaly

107.8480, 39.0150, 14.3030

Deuteranomaly

106.3520, 54.9710, 11.4750

Tritanomaly

97.0730, 96.3220, 38.5140

Monochromacy



Original Color

97.3210, 92.9280, 44.9600

Achromatopsia

97.0000, -0.0000, 0.0000

Achromatomaly

97.0910, 34.0170, 16.7770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 97.3210, 92.9280, 44.9600 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(214, 43, 71)` looks like.

```
.text, #text, p{  
    color:rgb(214, 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(214, 43, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 43, 71) }
```

Border

The CSS property to change the border of an element to YIQ 97.3210, 92.9280, 44.9600 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(214, 43, 71) }
```


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

```
.border{ border-color:rgb(214, 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(214, 43, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 43, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 43, 71);  
box-shadow:4px 4px 4px 4px rgb(214, 43,  
71) }
```

Background

The CSS property to change the background color of an element to YIQ 97.3210, 92.9280, 44.9600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 43, 71) }
```

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

```
.background{ background-color: rgb(214, 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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