

Converting Colors

YIQ(114.8490, 81.9730, 28.7330)

Have a look what the booklet for
YIQ(114.8490, 81.9730, 28.7330)
contains.

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Color

**YIQ(114.8490, 81.9730,
28.7330)**

Conversions

Conversions Part 1

Format	Color
Hex	D34A49
RGB	211, 74, 73
RGB Percent	83%, 29%, 29%
CMY	0.1722, 0.7100, 0.7134
CMYK	0.00, 0.65, 0.65, 0.17
HSL	0°, 61%, 56%
HSV	0°, 65%, 83%
XYZ	30.5380, 19.2332, 8.4206
YIQ	114.8490, 81.9730, 28.7330

Conversions

Conversions Part 2

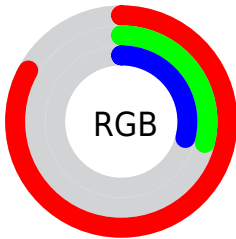
Format	Color
RYB	211, 74, 73
Decimal	13847113
CIELab	50.96, 53.84, 30.24
CIElCh	51, 61.749, 29.318
Yxy	19.2332, 0.5248, 0.3305
Android (android.graphics.Color)	4292037193 (0xFFD34A49)
YUV	114.8490, -20.6316, 84.3244
Hunter-Lab	43.8556, 47.5478, 19.3148

Details

The YIQ color **114.8490, 81.9730, 28.7330** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **169.1510, -81.9730, -28.7330**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **165.8760, 77.3430, 24.5350**, and **50.5040, 78.9910, 38.7270** is the 20% darker color. If you saturate the color by 10%, you get **100.1280, 94.4890, 33.1850**, and if you desaturate by 10%, it is **129.5700, 69.4570, 24.2810**.

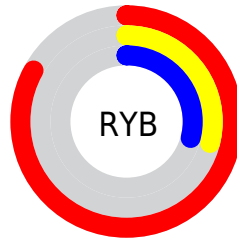
Distribution



Red (83%)

Green (29%)

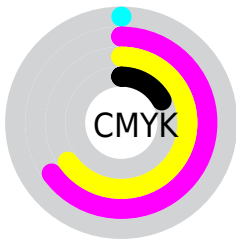
Blue (29%)



Red (83%)

Yellow (29%)

Blue (29%)

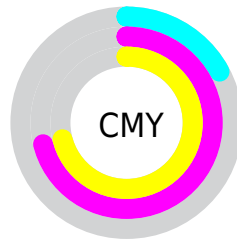


Cyan (0%)

Magenta (65%)

Yellow (65%)

Black (17%)



Cyan (17%)


Magenta (71%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 114.8490, 81.9730, 28.7330 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 114.8490, 81.9730, 28.7330 by changing the saturation by 10% instead.


 114.8490, 81.9730,
28.7330


 114.8490, 81.9730,
28.7330


255.0000, -0.0000,
-0.0000


 85.9350, 78.8550,
30.1750


 165.8760, 77.3430,
24.5350


 50.5040, 78.9910,
38.7270


 185.2760, 61.2970,
17.9770


 36.5640, 69.5940,
27.3060


 204.6760, 45.2510,
11.4190

 26.9100, 53.6400,
19.0800

 224.8910, 28.2880,
4.9600

 18.7660, 36.3100,
13.7660

 245.1060, 11.3250,
-1.4990

 8.4860, 16.3670,
6.2470

 0.0000, 0.0000,

0.0000

■ 114.8490, 81.9730,
28.7330

■ 114.8490, 81.9730,
28.7330

■ 100.1280, 94.4890,
33.1850

■ 129.5700, 69.4570,
24.2810

■ 85.4070, 107.0050,
37.6370

■ 144.2910, 56.9410,
19.8290

■ 70.6860, 119.5210,
42.0890

■ 159.0120, 44.4250,
15.3770

■ 63.6760, 125.4810,
44.2090

■ 173.8470, 31.5880,
11.2360

■ 188.5680, 19.0720,
6.7840

■ 203.2890, 6.5560,
2.3320

■ 218.0100, -5.9600,
-2.1200

■ 232.7310,
-18.4760, -6.5720

■ 241.8440,
-26.2240, -9.3280

Harmonies

Analogous

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



115.7930, 68.3520, 49.8240



114.8490, 81.9730, 28.7330



115.7020, 76.7520, -3.3120

Triad

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



114.8490, 81.9730, 28.7330



90.0630, -59.3190, -53.8390



101.0140, -108.0670, 3.6530

Complementary

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



114.8490, 81.9730, 28.7330



169.1510, -81.9730, -28.7330

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.



106.3480, -106.5520, -7.2880



114.8490, 81.9730, 28.7330



98.6810, -78.0740, -38.8260

Square

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



114.8490, 81.9730, 28.7330



107.1600, 18.1190, -47.5530



104.7230, -95.0870, -22.3430



122.4760, -29.2580, 34.6620

Rectangle

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



114.8490, 81.9730, 28.7330



114.1820, 65.7520, -24.2320



104.7230, -95.0870, -22.3430



103.7210, -108.8000, 0.4160

Sweetspot

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



114.8490, 81.9730, 28.7330



219.2490, 30.3960, 10.8120



129.9940, 37.9500, 72.1740



106.2690, 18.4760, 6.5720



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.



114.8490, 81.9730, 28.7330



116.0880, 118.3290, 41.6650



154.7650, 63.2730, -6.8310



97.2890, 6.5560, 2.3320



50.8190, 99.8530, 35.0930



12.2590, 24.4360, 8.6920

Inverse Universe

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



169.1510, -81.9730, -28.7330



194.9120, -118.3290, -41.6650



129.2350, -63.2730, 6.8310



101.1240, -6.2810, -1.8090



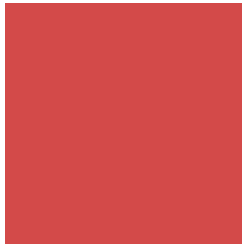
117.1810, -99.8530, -35.0930



28.7410, -24.4360, -8.6920

Previews

White Background



This preview shows how the YIQ color 114.8490, 81.9730, 28.7330 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 114.8490, 81.9730, 28.7330 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 114.8490, 81.9730, 28.7330

Background



This preview shows how black text looks on a background with the YIQ color 114.8490, 81.9730, 28.7330.



This preview shows how white text looks on a background with the YIQ color 114.8490, 81.9730,

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

114.8490, 81.9730, 28.7330

Protanopia

121.2710, 14.9940, -7.4220

Deuteranopia

120.1670, 35.7180, -8.5540



Tritanopia

114.7180, 80.9640, 30.5000

Trichromacy



Original Color

114.8490, 81.9730, 28.7330

Protanomaly

119.1650, 39.2000, 5.4400

Deuteranomaly

118.5810, 52.5880, 5.1000

Tritanomaly

114.6040, 81.2850, 30.1890

Monochromacy



Original Color

114.8490, 81.9730, 28.7330

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

114.9500, 29.8000, 10.6000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.8490, 81.9730, 28.7330 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(211, 74, 73)` looks like.

```
.text, #text, p{  
    color:rgb(211, 74, 73)  
}
```

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(211, 74, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 74, 73) }
```

Border

The CSS property to change the border of an element to YIQ 114.8490, 81.9730, 28.7330 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(211, 74, 73) }
```


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

```
.border{ border-color:rgb(211, 74, 73) }
```

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

Here you see how a box with a 4 pixel rgb(211, 74, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 74, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 74, 73);  
box-shadow:4px 4px 4px 4px rgb(211, 74,  
73) }
```

Background

The CSS property to change the background color of an element to YIQ 114.8490, 81.9730, 28.7330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 74, 73) }
```

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

```
.background{ background-color: rgb(211, 74,  
73) }
```

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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