

Converting Colors

YIQ(114.1000, 83.6650, 53.1450)

Have a look what the booklet for
YIQ(114.1000, 83.6650, 53.1450)
contains.

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Color

**YIQ(114.1000, 83.6650,
53.1450)**

Conversions

Conversions Part 1

Format	Color
Hex	E33970
RGB	227, 57, 112
RGB Percent	89%, 22%, 44%
CMY	0.1094, 0.7767, 0.5605
CMYK	0.00, 0.75, 0.51, 0.11
HSL	341°, 75%, 56%
HSV	341°, 75%, 89%
XYZ	36.1022, 20.4398, 17.3933
YIQ	114.1000, 83.6650, 53.1450

Conversions

Conversions Part 2

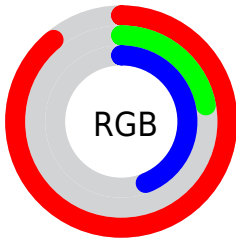
Format	Color
R_{YB}	227, 57, 112
Decimal	14891376
CIE _{Lab}	52.33, 67.58, 9.29
CIE _{LCh}	52, 68.212, 7.830
Yxy	20.4398, 0.4883, 0.2765
Android (android.graphics.Color)	4293081456 (0xFFE33970)
YUV	114.1000, -1.0353, 99.0133
Hunter-Lab	45.2104, 63.4208, 8.8373

Details

The YIQ color **114.1000, 83.6650, 53.1450** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle washed rose. A complement of this color would be **169.9000, -83.6650, -53.1450**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.0930, 67.2070, 43.0390**, and **56.7450, 77.4750, 55.1950** is the 20% darker color. If you saturate the color by 10%, you get **98.8890, 94.8050, 60.5090**, and if you desaturate by 10%, it is **129.3110, 72.5250, 45.7810**.

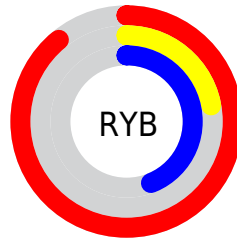
Distribution



Red (89%)

Green (22%)

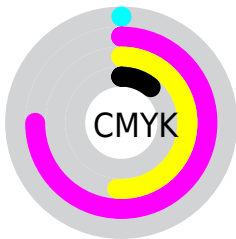
Blue (44%)



Red (89%)

Yellow (22%)

Blue (44%)

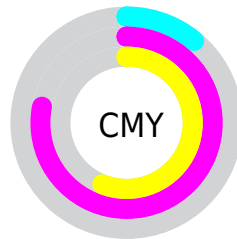


Cyan (0%)

Magenta (75%)

Yellow (51%)

Black (11%)



Cyan (11%)


Magenta (78%)

Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 114.1000, 83.6650, 53.1450 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 114.1000, 83.6650, 53.1450 by changing the saturation by 10% instead.


 114.1000, 83.6650,
53.1450


 114.1000, 83.6650,
53.1450


255.0000, -0.0000,
-0.0000


 75.6800, 85.2680,
62.6440


 164.2070, 66.8860,
43.3500


 56.7450, 77.4750,
55.1950


 184.1940, 50.5650,
36.2690


 45.2670, 66.6570,
41.9930


 204.4090, 33.6020,
29.8100

 34.0170, 55.1970,
29.4130

 224.7380, 16.3180,
23.6620

 23.3650, 44.9290,
17.2570

 243.2600, 5.5000,
10.4600

 13.9820, 26.7740,
10.3740

 0.0000, 0.0000,

0.0000

■ 114.1000, 83.6650,
53.1450

■ 114.1000, 83.6650,
53.1450

■ 98.8890, 94.8050,
60.5090

■ 129.3110, 72.5250,
45.7810

■ 84.1510, 105.9910,
67.0390

■ 144.0490, 61.3390,
39.2510

■ 76.3090, 111.5380,
71.1380

■ 159.2600, 50.1990,
31.8870

■ 174.4710, 39.0590,
24.5230

■ 189.2090, 27.8730,
17.9930

■ 204.4200, 16.7330,
10.6290

■ 219.7450, 5.2720,
3.5760

■ 234.9560, -5.8680,
-3.7880

■ 246.0580,
-15.0830, -7.4910

Harmonies

Analogous

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



122.3520, 48.0850, 59.1970



114.1000, 83.6650, 53.1450



116.7650, 90.7770, 23.3610

Triad

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



114.1000, 83.6650, 53.1450



105.3210, 1.2480, -55.6800



110.6170, -114.4390, -2.0150

Complementary

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



114.1000, 83.6650, 53.1450



169.9000, -83.6650, -53.1450

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.



110.3940, -104.1660, -17.4940



114.1000, 83.6650, 53.1450



95.7680, -65.7380, -53.1460

Square

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



114.1000, 83.6650, 53.1450



115.5120, 46.7270, -37.3770



104.4830, -86.1440, -35.7440



102.1370, -112.6070, 8.8410

Rectangle

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



114.1000, 83.6650, 53.1450



117.2640, 86.7930, -3.5670



104.4830, -86.1440, -35.7440



111.2380, -112.0540, -6.6940

Sweetspot

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



114.1000, 83.6650, 53.1450



217.7960, 27.5980, 17.4700



110.1670, 12.7780, 76.8260



105.4200, 16.7330, 10.6290



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.



114.1000, 83.6650, 53.1450



102.3200, 113.0050, 72.0850



124.2660, 93.6200, 21.3960



107.0440, 5.8680, 3.7880



60.1330, 88.0660, 55.9860



17.1870, 24.9390, 16.0990

Inverse Universe

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



114.1000, 83.6650, 53.1450



102.3200, 113.0050, 72.0850



159.7340, -93.6200, -21.3960



107.0440, 5.8680, 3.7880



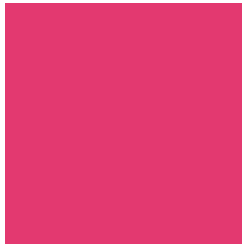
60.1330, 88.0660, 55.9860



17.1870, 24.9390, 16.0990

Previews

White Background



This preview shows how the YIQ color 114.1000, 83.6650, 53.1450 looks on a white background.

Color Contrast Check

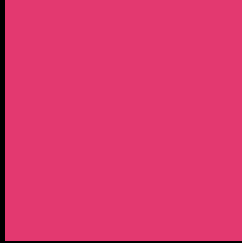
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.1000, 83.6650, 53.1450 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 114.1000, 83.6650, 53.1450

Background



This preview shows how black text looks on a background with the YIQ color 114.1000, 83.6650, 53.1450.



This preview shows how white text looks on a background with the YIQ color 114.1000, 83.6650,

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

114.1000, 83.6650, 53.1450

Protanopia

125.8390, -9.4920, 6.8280

Deuteranopia

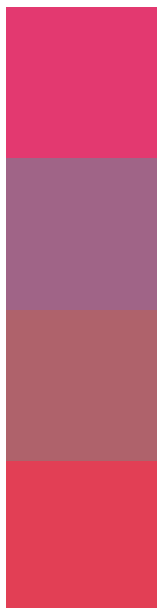
126.2380, 19.7610, -0.1990



Tritanopia

114.5840, 93.2050, 34.4290

Trichromacy



Original Color

114.1000, 83.6650, 53.1450

Protanomaly

121.9300, 24.5250, 23.6050

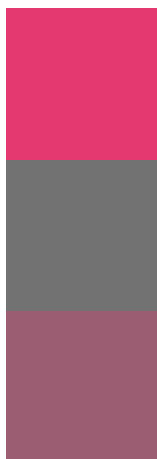
Deuteranomaly

122.0490, 43.0030, 19.1230

Tritanomaly

114.2450, 90.0860, 41.3980

Monochromacy



Original Color

114.1000, 83.6650, 53.1450

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.8180, 30.5320, 19.3640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.1000, 83.6650, 53.1450 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(227, 57, 112)` looks like.

```
.text, #text, p{  
    color:rgb(227, 57, 112)  
}
```

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(227, 57, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 57, 112) }
```

Border

The CSS property to change the border of an element to YIQ 114.1000, 83.6650, 53.1450 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(227, 57, 112) }
```


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

```
.border{ border-color:rgb(227, 57, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 57, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 57, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 57, 112);  
box-shadow:4px 4px 4px 4px rgb(227, 57,  
112) }
```

Background

The CSS property to change the background color of an element to YIQ 114.1000, 83.6650, 53.1450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 57, 112) }
```

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

```
.background{ background-color: rgb(227, 57,  
112) }
```

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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