

Converting Colors

YIQ(115.3990, 84.2610, 53.3570)

Have a look what the booklet for
YIQ(115.3990, 84.2610, 53.3570)
contains.

YIQ(115.3990, 84.2610, 53.3570)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(115.3990, 84.2610,
53.3570)**

Conversions

Conversions Part 1

Format	Color
Hex	E53A71
RGB	229, 58, 113
RGB Percent	90%, 23%, 44%
CMY	0.1015, 0.7728, 0.5566
CMYK	0.00, 0.75, 0.51, 0.10
HSL	341°, 77%, 56%
HSV	341°, 75%, 90%
XYZ	36.8433, 20.8893, 17.7349
YIQ	115.3990, 84.2610, 53.3570

Conversions

Conversions Part 2

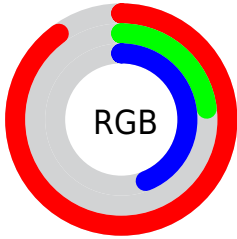
Format	Color
R_{YB}	229, 58, 113
Decimal	15022705
CIE _{Lab}	52.83, 67.89, 9.44
CIE _{LCh}	53, 68.547, 7.920
Yxy	20.8893, 0.4882, 0.2768
Android (android.graphics.Color)	4293212785 (0xFFE53A71)
YUV	115.3990, -1.1827, 99.6281
Hunter-Lab	45.7049, 63.9077, 8.9870

Details

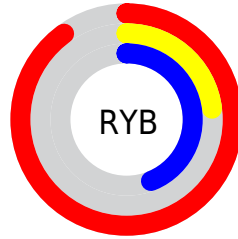
The YIQ color **115.3990, 84.2610, 53.3570** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle washed rose. A complement of this color would be **171.6010, -84.2610, -53.3570**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **164.7940, 66.6110, 42.8270**, and **57.4570, 78.3460, 55.9300** is the 20% darker color. If you saturate the color by 10%, you get **100.1880, 95.4010, 60.7210**, and if you desaturate by 10%, it is **130.7240, 72.8000, 46.3040**.

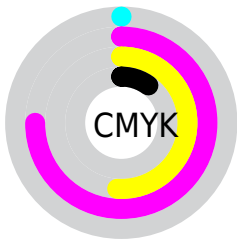
Distribution



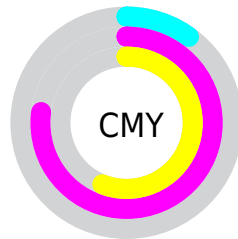
- Red (90%)
- Green (23%)
- Blue (44%)



- Red (90%)
- Yellow (23%)
- Blue (44%)



- Cyan (0%)
- Magenta (75%)
- Yellow (51%)
- Black (10%)





- Cyan (10%)
- Magenta (77%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 115.3990, 84.2610, 53.3570 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 115.3990, 84.2610, 53.3570 by changing the saturation by 10% instead.


 115.3990, 84.2610,
53.3570


 115.3990, 84.2610,
53.3570


255.0000, -0.0000,
-0.0000


 77.5660, 85.5890,
62.3330


 164.9080, 66.2900,
43.1380


 57.4570, 78.3460,
55.9300


 185.0090, 49.6480,
36.3680

 45.9790, 67.5280,
42.7280


 205.1100, 33.0060,
29.5980

 34.7290, 56.0680,
30.1480

 225.4390, 15.7220,
23.4500

 23.6640, 45.5250,
17.4690

 243.8470, 5.2250,
9.9370

 14.5800, 27.9660,
10.7980

 0.0000, 0.0000,

0.0000

■ 115.3990, 84.2610,
53.3570

■ 115.3990, 84.2610,
53.3570

■ 100.1880, 95.4010,
60.7210

■ 130.7240, 72.8000,
46.3040

■ 84.8630, 106.8620,
67.7740

■ 145.9350, 61.6600,
38.9400

■ 76.9070, 112.7300,
71.5620

■ 161.2600, 50.1990,
31.8870

■ 176.4710, 39.0590,
24.5230

■ 191.2090, 27.8730,
17.9930

■ 206.4200, 16.7330,
10.6290

■ 221.7450, 5.2720,
3.5760

■ 236.9560, -5.8680,
-3.7880

■ 246.9980,
-14.8540, -6.1340

Harmonies

Analogous

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



123.7650, 48.3600, 59.7200



115.3990, 84.2610, 53.3570



117.6510, 91.0980, 23.0500

Triad

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



115.3990, 84.2610, 53.3570



106.3210, 1.2480, -55.6800



111.4320, -115.3560, -1.9160

Complementary

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



115.3990, 84.2610, 53.3570



171.6010, -84.2610, -53.3570

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.



111.2090, -105.0830, -17.3950



115.3990, 84.2610, 53.3570



97.0560, -66.6090, -53.8810

Square

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



115.3990, 84.2610, 53.3570



116.9850, 46.7730, -38.2110



105.2980, -87.0610, -35.6450



102.9520, -113.5240, 8.9400

Rectangle

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



115.3990, 84.2610, 53.3570



118.8510, 86.5180, -4.0900



105.2980, -87.0610, -35.6450



112.0530, -112.9710, -6.5950

Sweetspot

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



115.3990, 84.2610, 53.3570



217.7960, 27.5980, 17.4700



111.5800, 13.0530, 77.3490



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.



115.3990, 84.2610, 53.3570



102.2060, 113.3260, 71.7740



125.5650, 94.2160, 21.6080



107.0440, 5.8680, 3.7880



60.0190, 88.3870, 55.6750



17.0730, 25.2600, 15.7880

Inverse Universe

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



115.3990, 84.2610, 53.3570



102.2060, 113.3260, 71.7740



161.4350, -94.2160, -21.6080



107.0440, 5.8680, 3.7880



60.0190, 88.3870, 55.6750



17.0730, 25.2600, 15.7880

Previews

White Background



This preview shows how the YIQ color 115.3990, 84.2610, 53.3570 looks on a white background.

Color Contrast Check

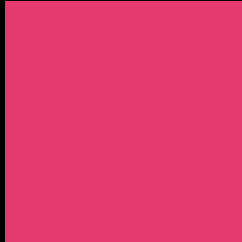
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.3990, 84.2610, 53.3570 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 115.3990, 84.2610, 53.3570

Background



This preview shows how black text looks on a background with the YIQ color 115.3990, 84.2610, 53.3570.

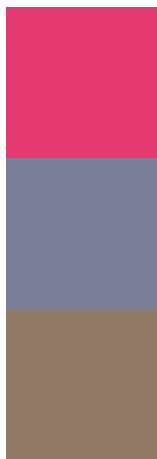


This preview shows how white text looks on a background with the YIQ color 115.3990, 84.2610,

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

115.3990, 84.2610, 53.3570

Protanopia

127.5400, -10.0880, 6.6160

Deuteranopia

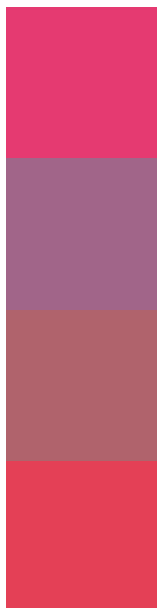
127.2380, 19.7610, -0.1990



Tritanopia

115.8830, 93.8010, 34.6410

Trichromacy



Original Color

115.3990, 84.2610, 53.3570

Protanomaly

123.0440, 24.2040, 23.9160

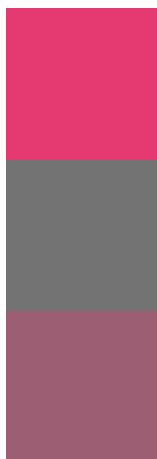
Deuteranomaly

123.0490, 43.0030, 19.1230

Tritanomaly

115.5440, 90.6820, 41.6100

Monochromacy



Original Color

115.3990, 84.2610, 53.3570

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

114.8180, 30.5320, 19.3640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.3990, 84.2610, 53.3570 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(229, 58, 113)` looks like.

```
.text, #text, p{  
    color:rgb(229, 58, 113)  
}
```

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(229, 58, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 58, 113) }
```

Border

The CSS property to change the border of an element to YIQ 115.3990, 84.2610, 53.3570 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(229, 58, 113) }
```


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

```
.border{ border-color:rgb(229, 58, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 58, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 58, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 58, 113);  
box-shadow:4px 4px 4px 4px rgb(229, 58,  
113) }
```

Background

The CSS property to change the background color of an element to YIQ 115.3990, 84.2610, 53.3570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 58, 113) }
```

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

```
.background{ background-color: rgb(229, 58,  
113) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor