

Converting Colors

YIQ(113.5230, 69.9530, 70.3770)

Have a look what the booklet for
YIQ(113.5230, 69.9530, 70.3770)
contains.

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Color

**YIQ(113.5230, 69.9530,
70.3770)**

Conversions

Conversions Part 1

Format	Color
Hex	E0319C
RGB	224, 49, 156
RGB Percent	88%, 19%, 61%
CMY	0.1211, 0.8081, 0.3880
CMYK	0.00, 0.78, 0.30, 0.12
HSL	323°, 74%, 54%
HSV	323°, 78%, 88%
XYZ	37.8789, 20.4595, 33.4272
YIQ	113.5230, 69.9530, 70.3770

Conversions

Conversions Part 2

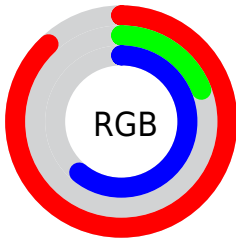
Format	Color
R_{YB}	224, 49, 156
Decimal	14692764
CIE _{Lab}	52.35, 73.33, -17.07
CIE _{LCh}	52, 75.287, 346.895
Yxy	20.4595, 0.4128, 0.2230
Android (android.graphics.Color)	4292882844 (0xFFE0319C)
YUV	113.5230, 20.9412, 96.8883
Hunter-Lab	45.2321, 70.3255, -12.1536

Details

The YIQ color **113.5230, 69.9530, 70.3770** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle washed rose. A complement of this color would be **159.4770, -69.9530, -70.3770**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **166.6300, 53.1740, 60.5820**, and **61.0060, 64.0390, 67.4230** is the 20% darker color. If you saturate the color by 10%, you get **99.5830, 78.8920, 79.0840**, and if you desaturate by 10%, it is **127.4630, 61.0140, 61.6700**.

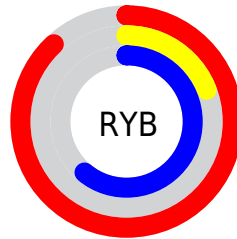
Distribution



Red (88%)

Green (19%)

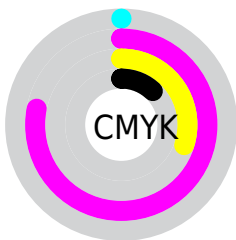
Blue (61%)



Red (88%)

Yellow (19%)

Blue (61%)

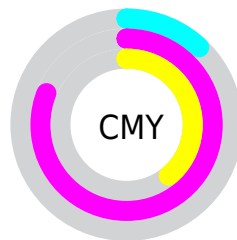


Cyan (0%)

Magenta (78%)

Yellow (30%)

Black (12%)



Cyan (12%)


Magenta (81%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 113.5230, 69.9530, 70.3770 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 113.5230, 69.9530, 70.3770 by changing the saturation by 10% instead.


 113.5230, 69.9530,
70.3770


 113.5230, 69.9530,
70.3770


255.0000, -0.0000,
-0.0000


 72.8260, 73.8940,
81.5580


 166.6300, 53.1740,
60.5820


 61.0060, 64.0390,
67.4230


 187.4320, 35.9360,
53.6000

 49.1860, 54.1840,
53.2880


 206.2790, 22.8250,
43.4090

 37.8930, 44.2830,
39.9870

 223.8890, 14.5750,
27.7190

 27.4260, 34.9320,
27.7320

 241.4990, 6.3250,
12.0290

 15.9050, 25.6730,
13.8090

 0.0000, 0.0000,

0.0000

■ 113.5230, 69.9530,
70.3770

■ 113.5230, 69.9530,
70.3770

■ 99.5830, 78.8920,
79.0840

■ 127.4630, 61.0140,
61.6700

■ 85.1700, 87.7850,
88.6250

■ 141.8760, 52.1210,
52.1290


■ 82.5940, 89.5270,
90.0950

■ 155.8160, 43.1820,
43.4220


■ 170.3430, 33.9680,
34.1920

■ 184.2830, 25.0290,
25.4850

■ 198.1090, 16.4110,
16.4670

 212.6360, 7.1970,
7.2370

 226.5760, -1.7420,
-1.4700

 240.9890,
-10.6350, -11.0110

Harmonies

Analogous

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



126.5940, 9.2970, 57.3050



113.5230, 69.9530, 70.3770



106.8800, 99.0240, 55.6320

Triad

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



113.5230, 69.9530, 70.3770



113.0540, 33.1570, -44.7550



113.0160, -111.5490, -10.3410

Complementary

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



113.5230, 69.9530, 70.3770



159.4770, -69.9530, -70.3770

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.



108.1650, -93.7560, -29.9480



113.5230, 69.9530, 70.3770



91.6520, -36.7130, -67.0570

Square

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



113.5230, 69.9530, 70.3770



117.7700, 72.9040, -21.6880



99.2390, -71.3780, -50.0500



111.4950, -119.6670, 4.6290

Rectangle

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



113.5230, 69.9530, 70.3770



112.6030, 100.2210, 28.4210



99.2390, -71.3780, -50.0500



112.1380, -106.3210, -16.9850

Sweetspot

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



113.5230, 69.9530, 70.3770



217.7450, 23.6080, 23.7040



88.9830, -16.2430, 68.6290



105.2720, 14.3940, 14.4740



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.



113.5230, 69.9530, 70.3770



103.5180, 95.8530, 96.5970



103.6050, 97.8800, 43.3200



105.0870, 4.3090, 4.5090



64.9360, 70.2280, 70.9000



17.7720, 18.9780, 19.5060

Inverse Universe

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



113.5230, 69.9530, 70.3770



103.5180, 95.8530, 96.5970



169.3950, -97.8800, -43.3200



105.0870, 4.3090, 4.5090



64.9360, 70.2280, 70.9000



17.7720, 18.9780, 19.5060

Previews

White Background



This preview shows how the YIQ color 113.5230, 69.9530, 70.3770 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 113.5230, 69.9530, 70.3770 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 113.5230, 69.9530, 70.3770

Background



This preview shows how black text looks on a background with the YIQ color 113.5230, 69.9530, 70.3770.



This preview shows how white text looks on a background with the YIQ color 113.5230, 69.9530,

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

113.5230, 69.9530, 70.3770

Protanopia

122.9370, -47.2740, 19.7500

Deuteranopia

126.3450, -5.0450, 8.8350



Tritanopia

117.5120, 84.5400, 31.7720

Trichromacy



Original Color

113.5230, 69.9530, 70.3770



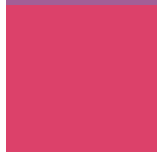
Protanomaly

119.5730, -4.5460, 38.3500



Deuteranomaly

121.3030, 22.2770, 31.3090



Tritanomaly

116.0190, 79.2190, 45.6110

Monochromacy



Original Color

113.5230, 69.9530, 70.3770



Achromatopsia

114.0000, 0.0000, 0.0000



Achromatomaly

113.5820, 25.6250, 25.6970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.5230, 69.9530, 70.3770 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(224, 49, 156)` looks like.

```
.text, #text, p{  
    color:rgb(224, 49, 156)  
}
```

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(224, 49, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 49, 156) }
```

Border

The CSS property to change the border of an element to YIQ 113.5230, 69.9530, 70.3770 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(224, 49, 156) }
```


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

```
.border{ border-color:rgb(224, 49, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 49, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 49, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 49, 156);  
box-shadow:4px 4px 4px 4px rgb(224, 49,  
156) }
```

Background

The CSS property to change the background color of an element to YIQ 113.5230, 69.9530, 70.3770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 49, 156) }
```

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

```
.background{ background-color: rgb(224, 49,  
156) }
```

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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