

Converting Colors

YIQ(110.7420, 90.7250, 57.3570)

Have a look what the booklet for
YIQ(110.7420, 90.7250, 57.3570)
contains.

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Color

**YIQ(110.7420, 90.7250,
57.3570)**

Conversions

Conversions Part 1

Format	Color
Hex	E9316C
RGB	233, 49, 108
RGB Percent	91%, 19%, 42%
CMY	0.0858, 0.8081, 0.5762
CMYK	0.00, 0.79, 0.54, 0.09
HSL	341°, 81%, 55%
HSV	341°, 79%, 91%
XYZ	37.4499, 20.6186, 16.2157
YIQ	110.7420, 90.7250, 57.3570

Conversions

Conversions Part 2

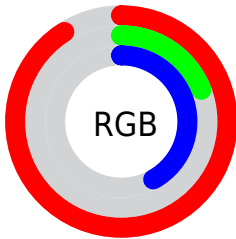
Format	Color
R_{YB}	233, 49, 108
Decimal	15282540
CIE _{Lab}	52.53, 71.17, 12.14
CIE _{LCh}	53, 72.199, 9.682
Yxy	20.6186, 0.5041, 0.2776
Android (android.graphics.Color)	4293472620 (0xFFE9316C)
YUV	110.7420, -1.3518, 107.2203
Hunter-Lab	45.4077, 67.7540, 10.6122

Details

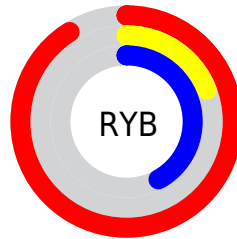
The YIQ color **110.7420, 90.7250, 57.3570** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed rose. A complement of this color would be **171.2580, -90.7250, -57.3570**, and the grayscale version is **111.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **160.7020, 69.8660, 44.4100**, and **58.0830, 82.3350, 55.2230** is the 20% darker color. If you saturate the color by 10%, you get **95.4170, 102.1860, 64.4100**, and if you desaturate by 10%, it is **126.0670, 79.2640, 50.3040**.

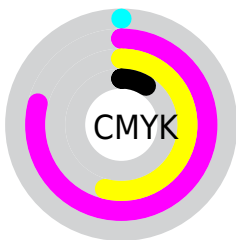
Distribution



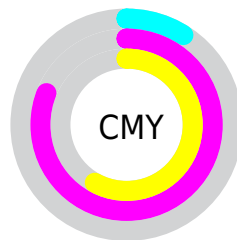
- Red (91%)
- Green (19%)
- Blue (42%)



- Red (91%)
- Yellow (19%)
- Blue (42%)



- Cyan (0%)
- Magenta (79%)
- Yellow (54%)
- Black (9%)



- Cyan (9%)
- Magenta (81%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 110.7420, 90.7250, 57.3570 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 110.7420, 90.7250, 57.3570 by changing the saturation by 10% instead.


 110.7420, 90.7250,
57.3570


 110.7420, 90.7250,
57.3570


255.0000, -0.0000,
-0.0000


 69.9740, 93.4280,
68.9480


 160.7020, 69.8660,
44.4100


 58.0830, 82.3350,
55.2230


 181.3900, 52.9490,
37.1170

 46.4200, 70.6000,
42.1200


 201.6050, 35.9860,
30.6580

 34.8710, 58.5440,
29.3280

 222.4070, 18.7480,
23.6760

 24.2620, 46.7170,
17.8930

 241.4990, 6.3250,
12.0290

 14.8790, 28.5620,
11.0100

 0.0000, 0.0000,

0.0000

■ 110.7420, 90.7250,
57.3570

■ 110.7420, 90.7250,
57.3570

■ 95.4170, 102.1860,
64.4100

■ 126.0670, 79.2640,
50.3040

■ 79.5050, 113.9220,
71.9860

■ 141.9790, 67.5280,
42.7280


■ 78.2170, 114.7930,
72.7210


■ 157.3040, 56.0670,
35.6750

■ 172.5150, 44.9270,
28.3110

■ 187.8400, 33.4660,
21.2580

■ 203.7520, 21.7300,
13.6820

 219.0770, 10.2690,
6.6290

 234.4020, -1.1920,
-0.4240

 247.9660,
-11.8280, -5.9080

Harmonies

Analogous

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



120.6350, 54.7780, 64.5540



110.7420, 90.7250, 57.3570



115.5760, 95.6830, 22.5550

Triad

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



110.7420, 90.7250, 57.3570



102.4790, -2.3730, -61.6450



112.1160, -117.2820, -0.0500

Complementary

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



110.7420, 90.7250, 57.3570



171.2580, -90.7250, -57.3570

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.



111.8930, -107.0090, -15.5290



110.7420, 90.7250, 57.3570



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.



110.7420, 90.7250, 57.3570



115.4900, 43.7930, -39.2710



105.6400, -88.0240, -34.7120



102.9350, -114.8540, 11.0180

Rectangle

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



110.7420, 90.7250, 57.3570



116.4400, 91.9290, -8.5430



105.6400, -88.0240, -34.7120



112.8510, -115.2180, -4.4180

Sweetspot

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



110.7420, 90.7250, 57.3570



214.4050, 30.2570, 18.8410



106.7530, 14.2440, 83.3000



103.3170, 18.5210, 11.2650



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.



110.7420, 90.7250, 57.3570



94.2500, 119.1940, 75.5620



122.2130, 101.1390, 22.7950



109.6310, 5.5930, 3.2650



60.7310, 89.2580, 56.4100



18.0840, 26.7270, 16.7350

Inverse Universe

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



110.7420, 90.7250, 57.3570



94.2500, 119.1940, 75.5620



159.7870, -101.1390, -22.7950



109.6310, 5.5930, 3.2650



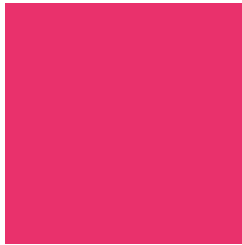
60.7310, 89.2580, 56.4100



18.0840, 26.7270, 16.7350

Previews

White Background



This preview shows how the YIQ color 110.7420, 90.7250, 57.3570 looks on a white background.

Color Contrast Check

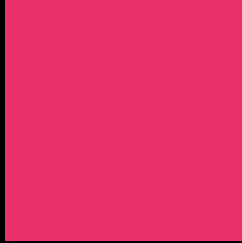
Large Text (above 18pt) WCAG AA ✓ Pass

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 110.7420, 90.7250, 57.3570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

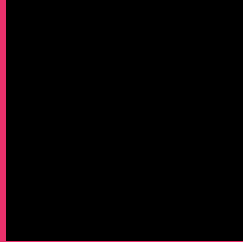
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 110.7420, 90.7250, 57.3570

Background



This preview shows how black text looks on a background with the YIQ color 110.7420, 90.7250, 57.3570.



This preview shows how white text looks on a background with the YIQ color 110.7420, 90.7250,

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

110.7420, 90.7250, 57.3570

Protanopia

126.6110, -8.8500, 6.2060

Deuteranopia

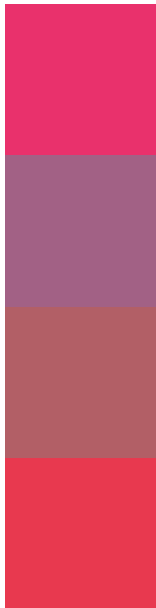
126.2660, 22.5580, -1.3300



Tritanopia

112.0580, 100.6780, 36.6620

Trichromacy



Original Color

110.7420, 90.7250, 57.3570

Protanomaly

120.5390, 27.1840, 24.9760

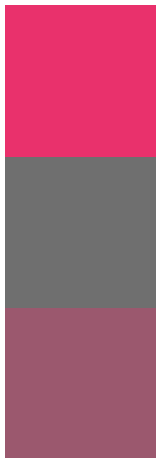
Deuteranomaly

120.6150, 47.2210, 19.7730

Tritanomaly

111.8330, 97.2380, 43.9420

Monochromacy



Original Color

110.7420, 90.7250, 57.3570

Achromatopsia

111.0000, -0.0000, 0.0000

Achromatomaly

110.5410, 32.8700, 21.0460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 110.7420, 90.7250, 57.3570 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(233, 49, 108)` looks like.

```
.text, #text, p{  
  color:rgb(233, 49, 108)  
}
```

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(233, 49, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 49, 108) }
```

Border

The CSS property to change the border of an element to YIQ 110.7420, 90.7250, 57.3570 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(233, 49, 108) }
```


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

```
.border{ border-color:rgb(233, 49, 108) }
```

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

Here you see how a box with a 4 pixel rgb(233, 49, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 49, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 49, 108);  
box-shadow:4px 4px 4px 4px rgb(233, 49,  
108) }
```

Background

The CSS property to change the background color of an element to YIQ 110.7420, 90.7250, 57.3570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 49, 108) }
```

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

```
.background{ background-color: rgb(233, 49,  
108) }
```

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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