

Converting Colors

YIQ(119.3540, 62.9390, 65.3310)

Have a look what the booklet for
YIQ(119.3540, 62.9390, 65.3310)
contains.

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Color

**YIQ(119.3540, 62.9390,
65.3310)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | DC3CA1 |
| RGB | 220, 60, 161 |
| RGB Percent | 86%, 24%, 63% |
| CMY | 0.1368, 0.7649, 0.3685 |
| CMYK | 0.00, 0.73, 0.27, 0.14 |
| HSL | 322°, 70%, 55% |
| HSV | 322°, 73%, 86% |
| XYZ | 37.5987, 21.0328, 35.8165 |
| YIQ | 119.3540, 62.9390, 65.3310 |

Conversions

Conversions Part 2

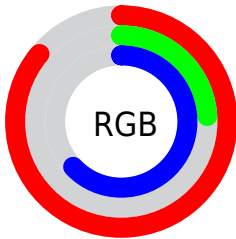
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 220, 60, 161 |
| Decimal | 14433441 |
| CIE _{Lab} | 52.99, 69.69, -19.12 |
| CIE _{LCh} | 53, 72.266, 344.657 |
| Yxy | 21.0328, 0.3981, 0.2227 |
| Android (android.graphics.Color) | 4292623521 (0xFFDC3CA1) |
| YUV | 119.3540, 20.5315, 88.2665 |
| Hunter-Lab | 45.8615, 66.0823, -14.2007 |

Details

The YIQ color **119.3540, 62.9390, 65.3310** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **160.6460, -62.9390, -65.3310**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **171.8960, 49.3690, 57.9530**, and **60.5650, 60.9670, 68.0310** is the 20% darker color. If you saturate the color by 10%, you get **105.5280, 71.5570, 74.3490**, and if you desaturate by 10%, it is **133.1800, 54.3210, 56.3130**.

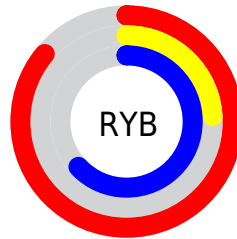
Distribution



Red (86%)

Green (24%)

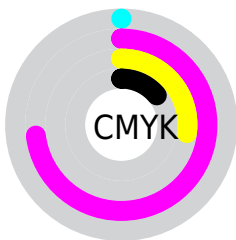
Blue (63%)



Red (86%)

Yellow (24%)

Blue (63%)

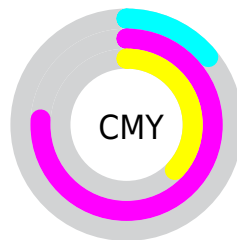


Cyan (0%)

Magenta (73%)

Yellow (27%)

Black (14%)



Cyan (14%)


Magenta (76%)

Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 119.3540, 62.9390, 65.3310 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 119.3540, 62.9390, 65.3310 by changing the saturation by 10% instead.


 119.3540, 62.9390,
65.3310


 119.3540, 62.9390,
65.3310


255.0000, -0.0000,
-0.0000


 82.7660, 64.9550,
72.8510


 171.8960, 49.3690,
57.9530


 60.5650, 60.9670,
68.0310


 192.1110, 32.4060,
51.4940


 49.1580, 51.3870,
54.4190


 210.3880, 20.9000,
39.7480

 37.7510, 41.8070,
40.8070

 227.4110, 12.9250,
24.5810

 26.9850, 31.8600,
28.3400

 245.0210, 4.6750,
8.8910

 15.9910, 22.5550,
15.2510

 0.0000, 0.0000,

0.0000

■ 119.3540, 62.9390,
65.3310

■ 119.3540, 62.9390,
65.3310

■ 105.5280, 71.5570,
74.3490

■ 133.1800, 54.3210,
56.3130

■ 91.7020, 80.1750,
83.3670

■ 147.0060, 45.7030,
47.2950

■ 81.6260, 86.5010,
89.8690

■ 160.8320, 37.0850,
38.2770

■ 174.7720, 28.1460,
29.5700

■ 188.5980, 19.5280,
20.5520

■ 202.4240, 10.9100,
11.5340

■ 216.2500, 2.2920,
2.5160

■ 230.0760, -6.3260,
-6.5020

■ 242.1410,
-14.1190, -13.9510

Harmonies

Analogous

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



129.4360, 3.7500, 53.2060



119.3540, 62.9390, 65.3310



112.6620, 93.7060, 52.8900

Triad

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



119.3540, 62.9390, 65.3310



115.4460, 37.9250, -43.0590



113.5060, -110.1730, -13.2530

Complementary

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



119.3540, 62.9390, 65.3310



160.6460, -62.9390, -65.3310

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.



108.1820, -92.4260, -32.0260



119.3540, 62.9390, 65.3310



101.2520, -20.6670, -60.4990

Square

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



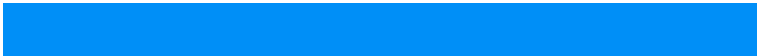
119.3540, 62.9390, 65.3310



119.2650, 75.8840, -20.6280



99.5980, -71.0110, -51.1950



112.0990, -118.6120, 2.0280

Rectangle

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



119.3540, 62.9390, 65.3310



115.9770, 96.2320, 29.1280



99.5980, -71.0110, -51.1950



112.1550, -104.9910, -19.0630

Sweetspot

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



119.3540, 62.9390, 65.3310



219.7340, 22.1410, 22.7570



95.8810, -16.1960, 62.2680



106.5600, 13.5230, 13.7390



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.



119.3540, 62.9390, 65.3310



115.3380, 87.3720, 90.6040



110.2340, 88.6190, 40.4510



103.0870, 4.3090, 4.5090



64.1530, 68.1190, 70.5750



17.0600, 18.1070, 18.7710

Inverse Universe

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



119.3540, 62.9390, 65.3310



115.3380, 87.3720, 90.6040



169.7660, -88.6190, -40.4510



103.0870, 4.3090, 4.5090



64.1530, 68.1190, 70.5750



17.0600, 18.1070, 18.7710

Previews

White Background



This preview shows how the YIQ color 119.3540, 62.9390, 65.3310 looks on a white background.

Color Contrast Check

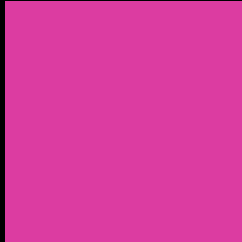
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.3540, 62.9390, 65.3310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

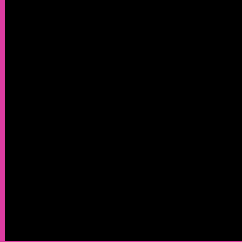
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 119.3540, 62.9390, 65.3310

Background



This preview shows how black text looks on a background with the YIQ color 119.3540, 62.9390, 65.3310.



This preview shows how white text looks on a background with the YIQ color 119.3540, 62.9390,

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

119.3540, 62.9390, 65.3310

Protanopia

124.4210, -45.7610, 19.8630

Deuteranopia

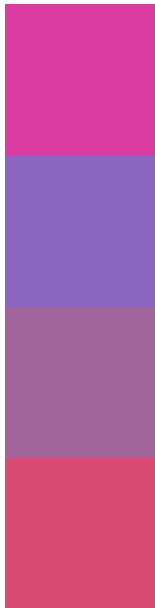
128.0890, -7.2000, 9.3440



Tritanopia

122.0380, 77.0670, 29.5390

Trichromacy



Original Color

119.3540, 62.9390, 65.3310

Protanomaly

122.7360, -6.5630, 36.3570

Deuteranomaly

125.0960, 18.4260, 29.5140

Tritanomaly

121.0180, 71.7920, 42.5440

Monochromacy



Original Color

119.3540, 62.9390, 65.3310

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

119.4460, 23.0120, 23.4920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.3540, 62.9390, 65.3310 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(220, 60, 161)` looks like.

```
.text, #text, p{  
    color:rgb(220, 60, 161)  
}
```

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(220, 60, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 60, 161) }
```

Border

The CSS property to change the border of an element to YIQ 119.3540, 62.9390, 65.3310 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(220, 60, 161) }
```


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

```
.border{ border-color:rgb(220, 60, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 60, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 60, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 60, 161);  
box-shadow:4px 4px 4px 4px rgb(220, 60,  
161) }
```

Background

The CSS property to change the background color of an element to YIQ 119.3540, 62.9390, 65.3310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 60, 161) }
```

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

```
.background{ background-color: rgb(220, 60,  
161) }
```

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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