

Converting Colors

YIQ(114.9970, 59.0900, 52.4820)

Have a look what the booklet for
YIQ(114.9970, 59.0900, 52.4820)
contains.

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Color

**YIQ(114.9970, 59.0900,
52.4820)**

Conversions

Conversions Part 1

Format	Color
Hex	CC418B
RGB	204, 65, 139
RGB Percent	80%, 25%, 55%
CMY	0.1996, 0.7453, 0.4547
CMYK	0.00, 0.68, 0.32, 0.20
HSL	328°, 58%, 53%
HSV	328°, 68%, 80%
XYZ	31.4786, 18.4903, 26.3533
YIQ	114.9970, 59.0900, 52.4820

Conversions

Conversions Part 2

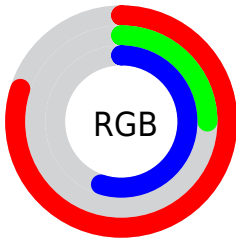
Format	Color
R_{YB}	204, 65, 139
Decimal	13386123
CIE _{Lab}	50.09, 61.09, -10.70
CIE _{LCh}	50, 62.015, 350.066
Yxy	18.4903, 0.4124, 0.2423
Android (android.graphics.Color)	4291576203 (0xFFCC418B)
YUV	114.9970, 11.8335, 78.0556
Hunter-Lab	43.0003, 55.4215, -6.2364

Details

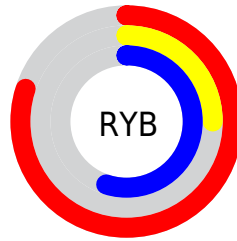
The YIQ color **114.9970, 59.0900, 52.4820** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **154.0030, -59.0900, -52.4820**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **169.7470, 56.7980, 49.9660**, and **53.5010, 57.8510, 58.4190** is the 20% darker color. If you saturate the color by 10%, you get **102.2310, 67.4790, 60.1430**, and if you desaturate by 10%, it is **127.8770, 50.3800, 45.1320**.

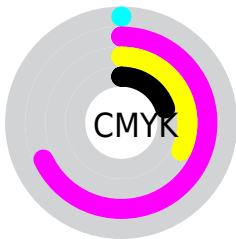
Distribution



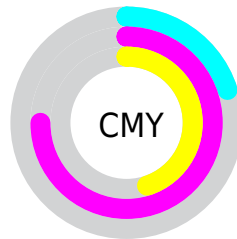
- Red (80%)
- Green (25%)
- Blue (55%)



- Red (80%)
- Yellow (25%)
- Blue (55%)



- Cyan (0%)
- Magenta (68%)
- Yellow (32%)
- Black (20%)





- Cyan (20%)
- Magenta (75%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 114.9970, 59.0900, 52.4820 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 114.9970, 59.0900, 52.4820 by changing the saturation by 10% instead.

 114.9970, 59.0900,
52.4820


 114.9970, 59.0900,
52.4820


255.0000, -0.0000,
-0.0000


 84.1050, 58.9060,
55.8180


 169.8610, 56.4770,
50.2770


 53.8000, 58.4470,
58.6310


 189.3750, 40.1100,
44.0300


 42.5070, 48.5460,
45.3300


 209.7040, 22.8260,
37.8820

 31.6270, 38.9200,
32.5520

 227.4110, 12.9250,
24.5810

 21.8720, 30.4400,
21.0320

 244.4340, 4.9500,
9.4140

 9.6820, 18.7510,
7.0950

 0.0000, 0.0000,

0.0000

■ 114.9970, 59.0900,
52.4820

■ 114.9970, 59.0900,
52.4820

■ 102.2310, 67.4790,
60.1430

■ 127.8770, 50.3800,
45.1320

■ 88.7640, 76.4640,
68.0160

■ 141.2300, 41.7160,
36.9480

■ 75.8840, 85.1740,
75.3660

■ 154.1100, 33.0060,
29.5980

■ 73.4220, 86.5950,
77.1470

■ 167.4630, 24.3420,
21.4140

■ 180.3430, 15.6320,
14.0640

■ 193.1090, 7.2430,
6.4030

■ 206.5760, -1.7420,
-1.4700

■ 219.3420,
-10.1310, -9.1310

■ 232.8090,
-19.1160, -17.0040

Harmonies

Analogous

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



122.4230, 13.7920, 47.4240



114.9970, 59.0900, 52.4820



111.9340, 80.5960, 37.1720

Triad

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



114.9970, 59.0900, 52.4820



107.4390, 30.6350, -43.1010



104.9800, -102.7000, -11.0200

Complementary

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



114.9970, 59.0900, 52.4820



154.0030, -59.0900, -52.4820

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.



101.4970, -88.7590, -26.8950



114.9970, 59.0900, 52.4820



96.3130, -30.6640, -50.0240

Square

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



114.9970, 59.0900, 52.4820



112.3990, 63.6430, -24.5570



94.6400, -70.8290, -43.4770



102.4330, -107.9290, 1.1510

Rectangle

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



114.9970, 59.0900, 52.4820



112.8130, 81.6540, 17.9900



94.6400, -70.8290, -43.4770



104.5580, -98.7560, -16.4200

Sweetspot

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



114.9970, 59.0900, 52.4820



222.3270, 21.7290, 19.2090



100.2810, -5.8790, 57.0090



108.0930, 13.3400, 11.5480



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.



114.9970, 59.0900, 52.4820



121.1450, 88.9330, 78.8290



107.1310, 81.2390, 31.0230



95.5600, 4.3550, 3.6750



59.6660, 70.6880, 62.5600



13.6420, 16.2280, 14.2760

Inverse Universe

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



114.9970, 59.0900, 52.4820



121.1450, 88.9330, 78.8290



161.8690, -81.2390, -31.0230



95.5600, 4.3550, 3.6750



59.6660, 70.6880, 62.5600



13.6420, 16.2280, 14.2760

Previews

White Background



This preview shows how the YIQ color 114.9970, 59.0900, 52.4820 looks on a white background.

Color Contrast Check

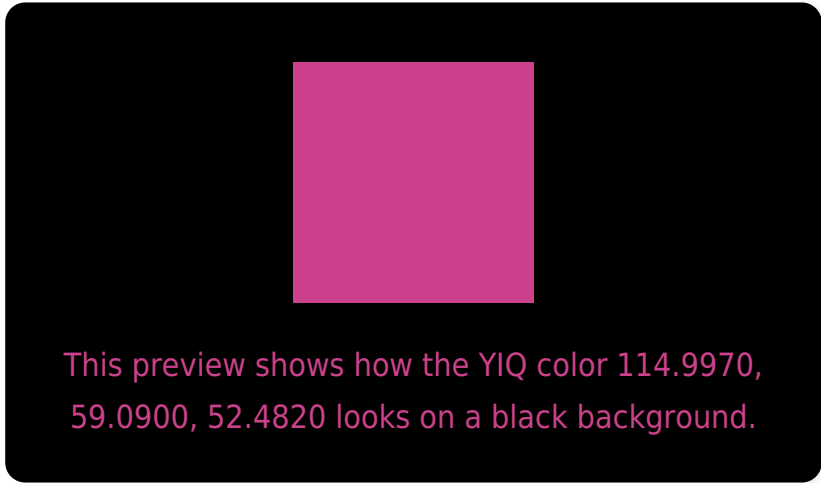
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

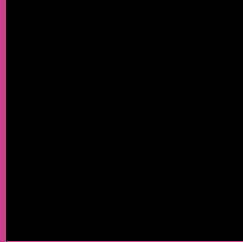
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 114.9970, 59.0900, 52.4820

Background



This preview shows how black text looks on a background with the YIQ color 114.9970, 59.0900, 52.4820.



This preview shows how white text looks on a background with the YIQ color 114.9970, 59.0900,

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

114.9970, 59.0900, 52.4820

Protanopia

119.5290, -28.7500, 14.4340

Deuteranopia

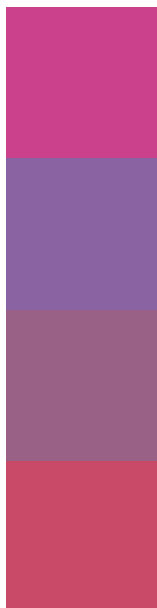
120.8140, 0.8240, 7.0960



Tritanopia

115.7490, 70.5110, 27.2070

Trichromacy



Original Color

114.9970, 59.0900, 52.4820

Protanomaly

117.9570, 2.7000, 28.1720

Deuteranomaly

118.3750, 21.7740, 23.9020

Tritanomaly

115.3930, 66.0620, 36.2540

Monochromacy



Original Color

114.9970, 59.0900, 52.4820

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

115.0280, 21.1330, 18.9970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.9970, 59.0900, 52.4820 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(204, 65, 139)` looks like.

```
.text, #text, p{  
    color:rgb(204, 65, 139)  
}
```

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(204, 65, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 65, 139) }
```

Border

The CSS property to change the border of an element to YIQ 114.9970, 59.0900, 52.4820 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(204, 65, 139) }
```


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

```
.border{ border-color:rgb(204, 65, 139) }
```

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

Here you see how a box with a 4 pixel rgb(204, 65, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 65, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 65, 139);  
box-shadow:4px 4px 4px 4px rgb(204, 65,  
139) }
```

Background

The CSS property to change the background color of an element to YIQ 114.9970, 59.0900, 52.4820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 65, 139) }
```

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

```
.background{ background-color: rgb(204, 65,  
139) }
```

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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