

Converting Colors

YIQ(118.8820, 61.1520, 59.1680)

Have a look what the booklet for
YIQ(118.8820, 61.1520, 59.1680)
contains.

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Color

**YIQ(118.8820, 61.1520,
59.1680)**

Conversions

Conversions Part 1

Format	Color
Hex	D64098
RGB	214, 64, 152
RGB Percent	84%, 25%, 60%
CMY	0.1604, 0.7492, 0.4037
CMYK	0.00, 0.70, 0.29, 0.16
HSL	325°, 65%, 55%
HSV	325°, 70%, 84%
XYZ	35.2632, 20.2401, 31.7730
YIQ	118.8820, 61.1520, 59.1680

Conversions

Conversions Part 2

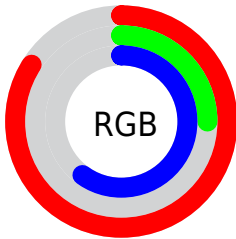
Format	Color
R_{YB}	214, 64, 152
Decimal	14041240
CIE _{Lab}	52.11, 65.71, -15.23
CIE _{LCh}	52, 67.453, 346.951
Yxy	20.2401, 0.4040, 0.2319
Android (android.graphics.Color)	4292231320 (0xFFD64098)
YUV	118.8820, 16.3272, 83.4185
Hunter-Lab	44.9890, 61.1808, -10.3807

Details

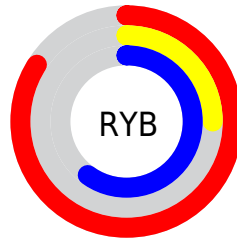
The YIQ color **118.8820, 61.1520, 59.1680** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **159.1180, -61.1520, -59.1680**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **171.9300, 52.0290, 53.7970**, and **57.8590, 59.9590, 64.2710** is the 20% darker color. If you saturate the color by 10%, you get **105.5290, 69.8160, 67.3520**, and if you desaturate by 10%, it is **132.2350, 52.4880, 50.9840**.

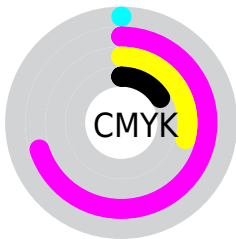
Distribution



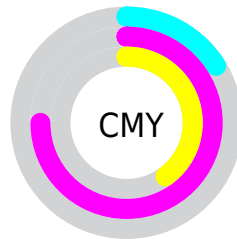
- Red (84%)
- Green (25%)
- Blue (60%)



- Red (84%)
- Yellow (25%)
- Blue (60%)



- Cyan (0%)
- Magenta (70%)
- Yellow (29%)
- Black (16%)




- Cyan (16%)
- Magenta (75%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 118.8820, 61.1520, 59.1680 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 118.8820, 61.1520, 59.1680 by changing the saturation by 10% instead.


 118.8820, 61.1520,
59.1680


 118.8820, 61.1520,
59.1680


255.0000, -0.0000,
-0.0000


 85.8160, 61.5180,
63.5500


 171.9300, 52.0290,
53.7970


 57.8590, 59.9590,
64.2710


 191.6720, 35.0200,
48.1720


 46.4520, 50.3790,
50.6590


 210.9750, 20.6250,
39.2250

 35.4580, 41.0740,
37.5700

 227.9980, 12.6500,
24.0580

 24.9910, 31.7230,
25.3150

 245.6080, 4.4000,
8.3680

 13.4270, 24.0230,
10.6710

 0.0000, 0.0000,

0.0000

■ 118.8820, 61.1520,
59.1680

■ 118.8820, 61.1520,
59.1680

■ 105.5290, 69.8160,
67.3520

■ 132.2350, 52.4880,
50.9840

■ 91.5890, 78.7550,
76.0590

■ 146.1750, 43.5490,
42.2770

■ 78.3500, 87.0980,
84.5540

■ 159.5280, 34.8850,
34.0930

■ 173.3540, 26.2670,
25.0750

■ 186.7070, 17.6030,
16.8910

■ 200.0600, 8.9390,
8.7070

■ 214.0000, -0.0000,
0.0000

■ 227.3530, -8.6640,
-8.1840

■ 240.1190,
-17.0530, -15.8450

Harmonies

Analogous

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



127.1930, 8.7480, 50.7320



118.8820, 61.1520, 59.1680



114.0970, 87.7470, 45.2430

Triad

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



118.8820, 61.1520, 59.1680



113.0650, 34.6240, -43.8080



110.5880, -107.4680, -12.7160

Complementary

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



118.8820, 61.1520, 59.1680



159.1180, -61.1520, -59.1680

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.



105.8340, -91.3260, -29.9340



118.8820, 61.1520, 59.1680



100.4890, -25.5280, -55.0000

Square

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



118.8820, 61.1520, 59.1680



116.8730, 71.1160, -22.3240



98.4070, -71.7910, -48.0710



108.1380, -114.3480, 1.8440

Rectangle

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



118.8820, 61.1520, 59.1680



116.1070, 89.8140, 24.2940



98.4070, -71.7910, -48.0710



109.4650, -102.9280, -17.9040

Sweetspot

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



118.8820, 61.1520, 59.1680



220.7940, 21.9120, 21.4000



99.0400, -12.3900, 59.3700



107.6200, 13.2940, 12.3820



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.



119.8820, 61.1520, 59.1680



119.2360, 87.4190, 84.2430



110.5600, 84.5850, 36.4650



100.0870, 4.3090, 4.5090



62.5290, 69.8160, 67.3520



15.7070, 17.6030, 16.8910

Inverse Universe

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



118.8820, 61.1520, 59.1680



119.2360, 87.4190, 84.2430



167.4400, -84.5850, -36.4650



100.0870, 4.3090, 4.5090



62.5290, 69.8160, 67.3520



15.7070, 17.6030, 16.8910

Previews

White Background



This preview shows how the YIQ color 118.8820, 61.1520, 59.1680 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 118.8820, 61.1520, 59.1680 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 118.8820, 61.1520, 59.1680

Background



This preview shows how black text looks on a background with the YIQ color 118.8820, 61.1520, 59.1680.



This preview shows how white text looks on a background with the YIQ color 118.8820, 61.1520,

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

118.8820, 61.1520, 59.1680

Protanopia

123.7330, -38.0120, 17.0920

Deuteranopia

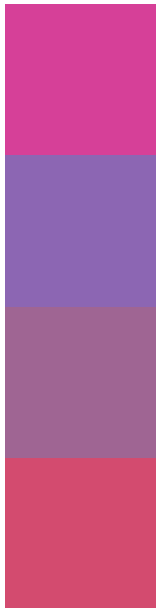
126.3020, -3.4860, 8.1140



Tritanopia

120.5430, 74.0870, 28.4790

Trichromacy



Original Color

118.8820, 61.1520, 59.1680

Protanomaly

122.1400, -2.0690, 32.0030

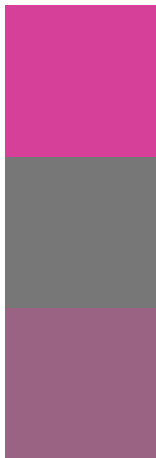
Deuteranomaly

123.5860, 19.8020, 26.6020

Tritanomaly

119.7680, 69.5000, 40.0280

Monochromacy



Original Color

118.8820, 61.1520, 59.1680

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

119.0930, 22.5080, 21.6120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.8820, 61.1520, 59.1680 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(214, 64, 152)` looks like.

```
.text, #text, p{  
    color:rgb(214, 64, 152)  
}
```

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(214, 64, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 64, 152) }
```

Border

The CSS property to change the border of an element to YIQ 118.8820, 61.1520, 59.1680 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(214, 64, 152) }
```


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

```
.border{ border-color:rgb(214, 64, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 64, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 64, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 64, 152);  
box-shadow:4px 4px 4px 4px rgb(214, 64,  
152) }
```

Background

The CSS property to change the background color of an element to YIQ 118.8820, 61.1520, 59.1680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 64, 152) }
```

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

```
.background{ background-color: rgb(214, 64,  
152) }
```

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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