

Converting Colors

YIQ(99.4140, 79.9050, 55.2090)

Have a look what the booklet for
YIQ(99.4140, 79.9050, 55.2090)
contains.

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Color

**YIQ(99.4140, 79.9050,
55.2090)**

Conversions

Conversions Part 1

Format	Color
Hex	D22A69
RGB	210, 42, 105
RGB Percent	82%, 16%, 41%
CMY	0.1760, 0.8355, 0.5880
CMYK	0.00, 0.80, 0.50, 0.18
HSL	337°, 67%, 49%
HSV	337°, 80%, 82%
XYZ	29.9890, 16.3903, 14.9661
YIQ	99.4140, 79.9050, 55.2090

Conversions

Conversions Part 2

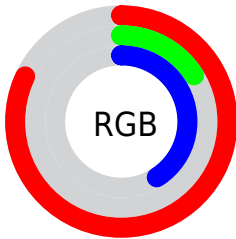
Format	Color
R_{YB}	210, 42, 105
Decimal	13773417
CIE _{Lab}	47.48, 66.76, 6.24
CIE _{LCh}	47, 67.050, 5.337
Yxy	16.3903, 0.4889, 0.2672
Android (android.graphics.Color)	4291963497 (0xFFD22A69)
YUV	99.4140, 2.7539, 96.9839
Hunter-Lab	40.4850, 61.3741, 6.4217

Details

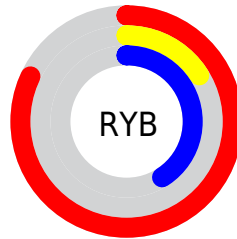
The YIQ color **99.4140, 79.9050, 55.2090** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed rose. A complement of this color would be **152.5860, -79.9050, -55.2090**, and the grayscale version is **99.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **155.6640, 73.0290, 47.6610**, and **51.1630, 70.1860, 49.6260** is the 20% darker color. If you saturate the color by 10%, you get **85.6050, 89.8530, 62.1490**, and if you desaturate by 10%, it is **113.2230, 69.9570, 48.2690**.

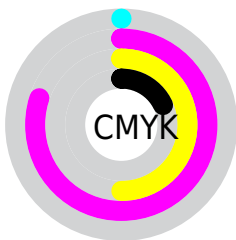
Distribution



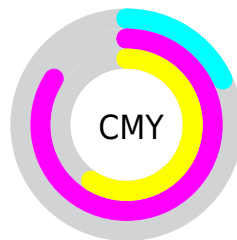
- Red (82%)
- Green (16%)
- Blue (41%)



- Red (82%)
- Yellow (16%)
- Blue (41%)



- Cyan (0%)
- Magenta (80%)
- Yellow (50%)
- Black (18%)





- Cyan (18%)
- Magenta (84%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 99.4140, 79.9050, 55.2090 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 99.4140, 79.9050, 55.2090 by changing the saturation by 10% instead.


 99.4140, 79.9050,
55.2090


 99.4140, 79.9050,
55.2090


255.0000, -0.0000,
-0.0000


 63.0540, 81.2790,
63.3510


 155.6640, 73.0290,
47.6610


 51.1630, 70.1860,
49.6260


 175.7650, 56.3870,
40.8910

 39.7990, 59.0470,
36.7350


 195.8660, 39.7450,
34.1210

 28.7340, 48.5040,
24.0560

 216.1950, 22.4610,
27.9730

 18.8800, 35.9890,
14.0770

 235.6290, 9.0750,
17.2590

 7.8880, 15.1750,
5.8230

 253.2390, 0.8250,

 0.0000, 0.0000,

1.5690

0.0000

■ 99.4140, 79.9050,
55.2090

■ 99.4140, 79.9050,
55.2090

■ 85.6050, 89.8530,
62.1490

■ 113.2230, 69.9570,
48.2690

■ 71.7960, 99.8010,
69.0890

■ 127.0320, 60.0090,
41.3290

■ 140.8410, 50.0610,
34.3890

■ 154.7640, 39.7920,
27.7600

■ 168.5730, 29.8440,
20.8200

■ 182.3820, 19.8960,
13.8800

■ 196.1910, 9.9480,
6.9400

■ 210.0000, 0.0000,
0.0000

■ 223.8090, -9.9480,
-6.9400

Harmonies

Analogous

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



110.0740, 42.9960, 57.8120



99.4140, 79.9050, 55.2090



102.7910, 87.8880, 26.1600

Triad

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



99.4140, 79.9050, 55.2090



94.5820, 5.0070, -52.2170



101.5210, -105.3610, -1.3370

Complementary

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



99.4140, 79.9050, 55.2090



152.5860, -79.9050, -55.2090

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.



100.5970, -94.4920, -16.6040



99.4140, 79.9050, 55.2090



85.7260, -56.7520, -50.8000

Square

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



99.4140, 79.9050, 55.2090



104.8910, 44.3420, -32.6980



94.3270, -76.8370, -33.7090



94.4430, -104.7210, 9.0950

Rectangle

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



99.4140, 79.9050, 55.2090



104.3610, 85.1420, -1.1780



94.3270, -76.8370, -33.7090



101.4410, -102.3800, -5.8040

Sweetspot

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



99.4140, 79.9050, 55.2090



214.8610, 28.9730, 20.0850



92.2480, 8.0560, 74.2960



103.5450, 17.8790, 11.8870



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.



99.4140, 79.9050, 55.2090



93.7430, 116.4880, 80.5520



103.9720, 94.6280, 25.1560



97.7450, 5.2720, 3.5760



57.4140, 79.9050, 55.2090



13.9690, 19.6210, 13.3570

Inverse Universe

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



99.4140, 79.9050, 55.2090



93.7430, 116.4880, 80.5520



148.0280, -94.6280, -25.1560



97.7450, 5.2720, 3.5760



57.4140, 79.9050, 55.2090



13.9690, 19.6210, 13.3570

Previews

White Background



This preview shows how the YIQ color 99.4140, 79.9050, 55.2090 looks on a white 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

Black Background



This preview shows how the YIQ color 99.4140, 79.9050, 55.2090 looks on a black 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

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

YIQ 99.4140, 79.9050, 55.2090

Background



This preview shows how black text looks on a background with the YIQ color 99.4140, 79.9050, 55.2090.



This preview shows how white text looks on a background with the YIQ color 99.4140, 79.9050,

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

99.4140, 79.9050, 55.2090

Protanopia

113.7400, -13.5270, 8.3690

Deuteranopia

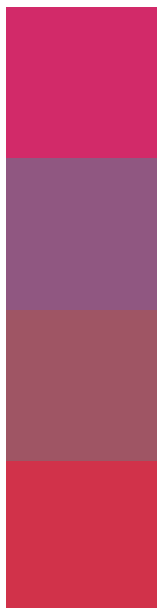
113.9110, 16.3680, 0.7200



Tritanopia

100.9750, 90.5460, 33.0580

Trichromacy



Original Color

99.4140, 79.9050, 55.2090

Protanomaly

108.8310, 20.4900, 25.1460

Deuteranomaly

108.8360, 39.2890, 20.3530

Tritanomaly

100.2770, 87.0600, 41.1720

Monochromacy



Original Color

99.4140, 79.9050, 55.2090

Achromatopsia

99.0000, -0.0000, 0.0000

Achromatomaly

98.8610, 28.9730, 20.0850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.4140, 79.9050, 55.2090 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(210, 42, 105)` looks like.

```
.text, #text, p{  
    color:rgb(210, 42, 105)  
}
```

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(210, 42, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 42, 105) }
```

Border

The CSS property to change the border of an element to YIQ 99.4140, 79.9050, 55.2090 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(210, 42, 105) }
```


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

```
.border{ border-color:rgb(210, 42, 105) }
```

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

Here you see how a box with a 4 pixel rgb(210, 42, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 42, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 42, 105);  
box-shadow:4px 4px 4px 4px rgb(210, 42,  
105) }
```

Background

The CSS property to change the background color of an element to YIQ 99.4140, 79.9050, 55.2090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 42, 105) }
```

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

```
.background{ background-color: rgb(210, 42,  
105) }
```

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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