

Converting Colors

YIQ(164.5650, 41.4900, 19.0100)

Have a look what the booklet for
YIQ(164.5650, 41.4900, 19.0100)
contains.

YIQ(164.5650, 41.4900, 19.0100)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(164.5650, 41.4900,
19.0100)**

Conversions

Conversions Part 1

Format	Color
Hex	D88D97
RGB	216, 141, 151
RGB Percent	85%, 55%, 59%
CMY	0.1528, 0.4472, 0.4077
CMYK	0.00, 0.35, 0.30, 0.15
HSL	352°, 49%, 70%
HSV	352°, 35%, 85%
XYZ	43.4422, 35.8822, 33.9315
YIQ	164.5650, 41.4900, 19.0100

Conversions

Conversions Part 2

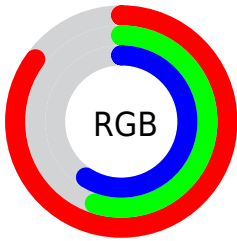
Format	Color
R _Y B	216, 141, 151
Decimal	14192023
CIE Lab	66.43, 29.85, 6.53
CIE LCh	66, 30.552, 12.332
Yxy	35.8822, 0.3836, 0.3168
Android (android.graphics.Color)	4292382103 (0xFFD88D97)
YUV	164.5650, -6.6875, 45.1085
Hunter-Lab	59.9018, 24.6244, 8.3463

Details

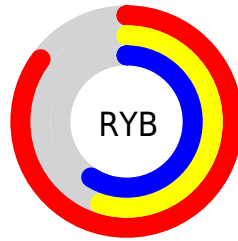
The YIQ color **164.5650, 41.4900, 19.0100** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **192.4350, -41.4900, -19.0100**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **214.0800, 32.5500, 15.8300**, and **111.7710, 37.9140, 17.7380** is the 20% darker color. If you saturate the color by 10%, you get **149.4850, 53.6390, 24.6070**, and if you desaturate by 10%, it is **179.6450, 29.3410, 13.4130**.

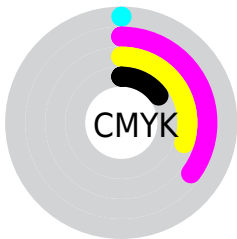
Distribution



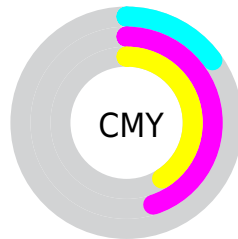
- Red (85%)
- Green (55%)
- Blue (59%)



- Red (85%)
- Yellow (55%)
- Blue (59%)



- Cyan (0%)
- Magenta (35%)
- Yellow (30%)
- Black (15%)





- Cyan (15%)
- Magenta (45%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 164.5650, 41.4900, 19.0100 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 164.5650, 41.4900, 19.0100 by changing the saturation by 10% instead.


 164.5650, 41.4900,
19.0100


 164.5650, 41.4900,
19.0100


255.0000, -0.0000,
-0.0000

 137.6680, 39.7020,
18.3740


 214.0800, 32.5500,
15.8300


 111.7710, 37.9140,
17.7380


 234.2950, 15.5870,
9.3710

 86.2870, 36.4010,
17.6250

 253.2390, 0.8250,
1.5690

 61.6180, 33.9710,
17.6110

 37.3620, 31.8160,
18.1200

 17.1720, 29.2950,
14.2470

 8.4860, 16.3670,

6.2470

■ 0.0000, 0.0000,
0.0000

■ 164.5650, 41.4900,
19.0100

■ 164.5650, 41.4900,
19.0100

■ 149.4850, 53.6390,
24.6070

■ 179.6450, 29.3410,
13.4130

■ 135.1060, 65.1920,
29.9920

■ 194.0240, 17.7880,
8.0280

■ 120.0260, 77.3410,
35.5890

■ 209.1040, 5.6390,
2.4310

■ 105.5330, 89.2150,
40.6630

■ 223.5970, -6.2350,
-2.6430

■ 90.5670, 101.0430,
46.5710

■ 238.6770,
-18.3840, -8.2400

■ 75.4870, 113.1920,
52.1680

■ 243.3390,
-23.2440, -8.2680

■ 67.8900, 119.4270,
54.8110

Harmonies

Analogous

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



165.6420, 25.3960, 24.3400



164.5650, 41.4900, 19.0100



163.4540, 45.7560, 7.7720

Triad

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



164.5650, 41.4900, 19.0100



155.6180, -2.7010, -22.6450



153.3850, -55.2480, -0.9440

Complementary

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



164.5650, 41.4900, 19.0100



192.4350, -41.4900, -19.0100

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.



146.5260, -69.3670, -14.8950



164.5650, 41.4900, 19.0100



150.8350, -31.1730, -24.2690

Square

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



164.5650, 41.4900, 19.0100



158.4100, 21.5520, -16.1440



146.5300, -57.9950, -22.7550



160.8880, -28.3830, 13.2890

Rectangle

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



164.5650, 41.4900, 19.0100



162.0310, 42.2730, -0.6950



146.5300, -57.9950, -22.7550



150.5150, -61.6660, -5.7780

Sweetspot

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



164.5650, 41.4900, 19.0100



237.8170, 13.9370, 6.2330



168.6860, 14.0690, 36.8930



117.0120, 8.8940, 4.0140



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.



164.5650, 41.4900, 19.0100



181.5890, 59.2780, 27.0380



178.6870, 37.5500, 2.3020



99.5170, 5.9140, 2.9540



53.7510, 94.5330, 43.4050



13.5410, 23.7020, 10.9820

Inverse Universe

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



164.5650, 41.4900, 19.0100



181.5890, 59.2780, 27.0380



178.3130, -37.5500, -2.3020



99.5170, 5.9140, 2.9540



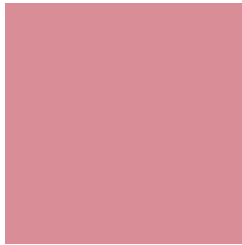
53.7510, 94.5330, 43.4050



13.5410, 23.7020, 10.9820

Previews

White Background



This preview shows how the YIQ color 164.5650, 41.4900, 19.0100 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 164.5650, 41.4900, 19.0100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

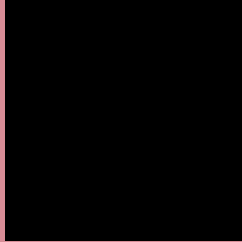
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 164.5650, 41.4900, 19.0100

Background



This preview shows how black text looks on a background with the YIQ color 164.5650, 41.4900, 19.0100.



This preview shows how white text looks on a background with the YIQ color 164.5650, 41.4900,

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

164.5650, 41.4900, 19.0100

Protanopia

162.3100, 2.0630, 1.1590

Deuteranopia

163.1610, 18.6600, 3.2360



Tritanopia

164.6790, 41.1690, 19.3210

Trichromacy



Original Color

164.5650, 41.4900, 19.0100

Protanomaly

163.4260, 16.5960, 7.6040

Deuteranomaly

163.9280, 26.8660, 8.7060

Tritanomaly

164.6790, 41.1690, 19.3210

Monochromacy



Original Color

164.5650, 41.4900, 19.0100

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

164.8280, 15.4040, 7.1800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 164.5650, 41.4900, 19.0100 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(216, 141, 151)` looks like.

```
.text, #text, p{  
    color:rgb(216, 141, 151)  
}
```

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(216, 141, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 141, 151) }
```

Border

The CSS property to change the border of an element to YIQ 164.5650, 41.4900, 19.0100 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(216, 141, 151) }
```


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

```
.border{ border-color:rgb(216, 141, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 141, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 141, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 141, 151);  
box-shadow:4px 4px 4px 4px rgb(216, 141,  
151) }
```

Background

The CSS property to change the background color of an element to YIQ 164.5650, 41.4900, 19.0100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 141, 151) }
```

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

```
.background{ background-color: rgb(216,  
141, 151) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor