

Converting Colors

YIQ(199.1590, 12.9740, 7.1660)

Have a look what the booklet for
YIQ(199.1590, 12.9740, 7.1660)
contains.

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Color

**YIQ(199.1590, 12.9740,
7.1660)**

Conversions

Conversions Part 1

Format	Color
Hex	D8BFC5
RGB	216, 191, 197
RGB Percent	85%, 75%, 77%
CMY	0.1529, 0.2510, 0.2274
CMYK	0.00, 0.12, 0.09, 0.15
HSL	346°, 24%, 80%
HSV	346°, 12%, 85%
XYZ	57.0316, 55.8902, 60.6125
YIQ	199.1590, 12.9740, 7.1660

Conversions

Conversions Part 2

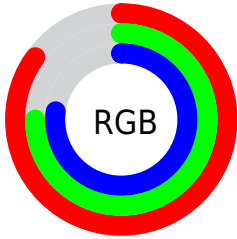
Format	Color
R _Y B	216, 191, 197
Decimal	14204869
CIE Lab	79.55, 9.87, 0.22
CIE LCh	80, 9.868, 1.272
Yxy	55.8902, 0.3286, 0.3221
Android (android.graphics.Color)	4292394949 (0xFFD8BFC5)
YUV	199.1590, -1.0644, 14.7696
Hunter-Lab	74.7597, 5.3419, 4.2616

Details

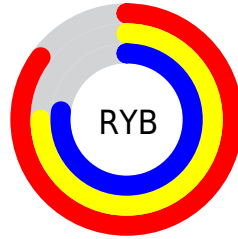
The YIQ color $199.1590, 12.9740, 7.1660$ is a light color, and the websafe version is hex $CCCCCC$. A complement of this color would be $207.8410, -12.9740, -7.1660$, and the grayscale version is $199.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $250.1900, 2.5210, 3.8730$, and $145.4470, 12.1030, 6.4310$ is the 20% darker color. If you saturate the color by 10%, you get $184.4210, 24.1600, 13.6960$, and if you desaturate by 10%, it is $213.8970, 1.7880, 0.6360$.

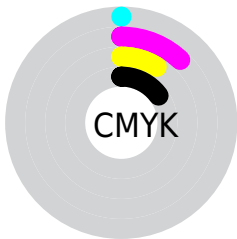
Distribution



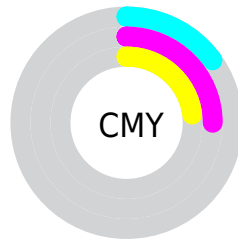
- Red (85%)
- Green (75%)
- Blue (77%)



- Red (85%)
- Yellow (75%)
- Blue (77%)



- Cyan (0%)
- Magenta (12%)
- Yellow (9%)
- Black (15%)





- Cyan (15%)
- Magenta (25%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 199.1590, 12.9740, 7.1660 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 199.1590, 12.9740, 7.1660 by changing the saturation by 10% instead.

 199.1590, 12.9740,
7.1660


 199.1590, 12.9740,
7.1660


255.0000, -0.0000,
-0.0000


 171.8600, 12.3780,
6.9540


 250.1900, 2.5210,
3.8730

 145.4470, 12.1030,
6.4310

 119.5610, 11.7820,
6.7420

 94.8490, 10.9110,
6.0070

 70.9630, 10.5900,
6.3180

 48.2510, 9.7190,
5.5830

 27.6530, 8.5270,

5.1590

■ 5.3820, 10.7280,
3.8160

■ 0.0000, 0.0000,
0.0000

■ 199.1590, 12.9740,
7.1660

■ 199.1590, 12.9740,
7.1660

■ 184.4210, 24.1600,
13.6960

■ 213.8970, 1.7880,
0.6360

■ 170.1560, 35.3920,
19.3920

■ 228.1620, -9.4440,
-5.0600

■ 155.4180, 46.5780,
25.9220

■ 242.3130,
-20.3550, -11.0670

■ 141.1530, 57.8100,
31.6180

■ 243.3390,
-23.2440, -8.2680

■ 126.4150, 68.9960,
38.1480

■ 111.6770, 80.1820,
44.6780

■ 97.4120, 91.4140,
50.3740

■ 82.6740, 102.6000,
56.9040

■ 70.5120, 112.0440,
61.9640

Harmonies

Analogous

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



198.9780, 6.2340, 8.1700



199.1590, 12.9740, 7.1660



199.0190, 16.1840, 4.0560

Triad

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



199.1590, 12.9740, 7.1660



195.4530, 2.7980, -6.6580



195.2030, -16.6890, -0.4090

Complementary

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



199.1590, 12.9740, 7.1660



207.8410, -12.9740, -7.1660

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.



194.3830, -17.3760, -4.4800



199.1590, 12.9740, 7.1660



195.0220, -6.2340, -8.1700

Square

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



199.1590, 12.9740, 7.1660



197.3400, 10.5460, -3.9020



194.5420, -13.5700, -7.3780



196.9480, -11.4170, 3.1670

Rectangle

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



199.1590, 12.9740, 7.1660



198.4380, 16.3220, 1.5540



194.5420, -13.5700, -7.3780



194.9640, -17.5140, -1.9780

Sweetspot

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



199.1590, 12.9740, 7.1660



249.6200, 4.1260, 2.3180



199.5310, 3.2990, 11.8030



124.0220, 2.9340, 1.8940



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.



199.1590, 12.9740, 7.1660



230.7900, 18.5670, 10.4310



201.9970, 13.2500, 2.1620



99.6310, 5.5930, 3.2650



55.8030, 88.7550, 49.0030



13.9970, 22.4180, 12.2260

Inverse Universe

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



199.1590, 12.9740, 7.1660



230.7900, 18.5670, 10.4310



205.0030, -13.2500, -2.1620



99.6310, 5.5930, 3.2650



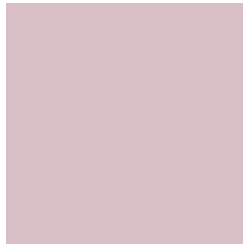
55.8030, 88.7550, 49.0030



13.9970, 22.4180, 12.2260

Previews

White Background



This preview shows how the YIQ color 199.1590, 12.9740, 7.1660 looks on a white background.

Color Contrast Check

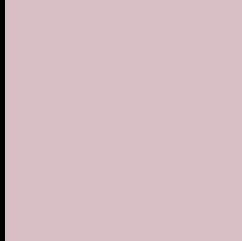
Large Text (above 18pt) WCAG AA × Fail

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 199.1590, 12.9740, 7.1660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

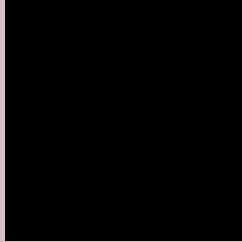
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 199.1590, 12.9740, 7.1660

Background



This preview shows how black text looks on a background with the YIQ color 199.1590, 12.9740, 7.1660.



This preview shows how white text looks on a background with the YIQ color 199.1590, 12.9740,

7.1660.

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

199.1590, 12.9740, 7.1660

Protanopia

197.6520, 1.1000, 2.0920

Deuteranopia

199.1590, 12.9740, 7.1660



Tritanopia

199.7830, 11.2770, 10.3890

Trichromacy



Original Color

199.1590, 12.9740, 7.1660

Protanomaly

198.1580, 5.5470, 4.0990

Deuteranomaly

199.1590, 12.9740, 7.1660

Tritanomaly

199.4410, 12.2400, 9.4560

Monochromacy



Original Color

199.1590, 12.9740, 7.1660

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

198.9190, 4.7220, 2.5300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.1590, 12.9740, 7.1660 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, 191, 197)` looks like.

```
.text, #text, p{  
    color:rgb(216, 191, 197)  
}
```

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, 191, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 191, 197) }
```

Border

The CSS property to change the border of an element to YIQ 199.1590, 12.9740, 7.1660 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, 191, 197) }
```


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

```
.border{ border-color:rgb(216, 191, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 191, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 191, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 191, 197); box-shadow:4px 4px 4px 4px rgb(216, 191, 197) }
```

Background

The CSS property to change the background color of an element to YIQ 199.1590, 12.9740, 7.1660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 191, 197) }
```

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

```
.background{ background-color: rgb(216,  
191, 197) }
```

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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