

Converting Colors

YIQ(175.5840, 31.3110, 21.7670)

Have a look what the booklet for
YIQ(175.5840, 31.3110, 21.7670)
contains.

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Color

**YIQ(175.5840, 31.3110,
21.7670)**

Conversions

Conversions Part 1

Format	Color
Hex	DB99B2
RGB	219, 153, 178
RGB Percent	86%, 60%, 70%
CMY	0.1410, 0.4001, 0.3019
CMYK	0.00, 0.30, 0.19, 0.14
HSL	337°, 48%, 73%
HSV	337°, 30%, 86%
XYZ	48.6519, 41.0557, 47.4939
YIQ	175.5840, 31.3110, 21.7670

Conversions

Conversions Part 2

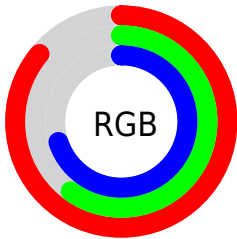
Format	Color
R_{YB}	219, 153, 178
Decimal	14391730
CIE _{Lab}	70.21, 28.35, -3.03
CIE _{LCh}	70, 28.512, 353.897
Yxy	41.0557, 0.3546, 0.2992
Android (android.graphics.Color)	4292581810 (0xFFDB99B2)
YUV	175.5840, 1.1911, 38.0758
Hunter-Lab	64.0747, 23.4042, 0.9050

Details

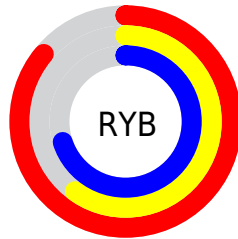
The YIQ color **175.5840, 31.3110, 21.7670** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **196.4160, -31.3110, -21.7670**, and the grayscale version is **176.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **225.0170, 19.6660, 18.0500**, and **122.2740, 29.2480, 20.6080** is the 20% darker color. If you saturate the color by 10%, you get **161.0740, 41.8550, 28.9190**, and if you desaturate by 10%, it is **190.0940, 20.7670, 14.6150**.

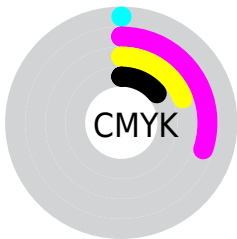
Distribution



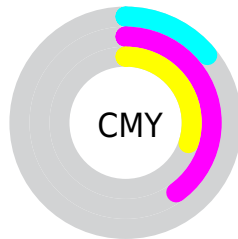
- Red (86%)
- Green (60%)
- Blue (70%)



- Red (86%)
- Yellow (60%)
- Blue (70%)



- Cyan (0%)
- Magenta (30%)
- Yellow (19%)
- Black (14%)





- Cyan (14%)
- Magenta (40%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 175.5840, 31.3110, 21.7670 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 175.5840, 31.3110, 21.7670 by changing the saturation by 10% instead.


 175.5840, 31.3110,
21.7670


 175.5840, 31.3110,
21.7670


255.0000, -0.0000,
-0.0000


 148.8720, 30.4400,
21.0320


 225.0170, 19.6660,
18.0500


 122.2740, 29.2480,
20.6080

 243.8470, 5.2250,
9.9370

 96.7900, 27.7350,
20.4950

 72.7790, 26.2680,
19.5480

 48.2950, 24.7550,
19.4350

 24.3380, 23.1960,
20.1560

 12.9860, 20.9510,

11.2790

■ 0.0000, 0.0000,
0.0000

■ 175.5840, 31.3110,
21.7670

■ 175.5840, 31.3110,
21.7670

■ 161.0740, 41.8550,
28.9190

■ 190.0940, 20.7670,
14.6150

■ 146.6780, 52.0780,
36.3820

■ 204.4900, 10.5440,
7.1520

■ 132.1680, 62.6220,
43.5340

■ 219.0000, 0.0000,
-0.0000

■ 117.7720, 72.8450,
50.9970

■ 233.3960,
-10.2230, -7.4630

■ 103.2620, 83.3890,
58.1490

■ 243.2100,
-18.5670, -10.4310

■ 89.3390, 93.6580,
64.7780

■ 244.2360,
-21.4560, -7.6320

■ 74.9430, 103.8810,
72.2410

Harmonies

Analogous

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



175.5740, 10.9080, 22.5880



175.5840, 31.3110, 21.7670



174.7020, 42.3620, 14.2180

Triad

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



175.5840, 31.3110, 21.7670



167.9790, 12.5200, -17.6560



161.0160, -58.8230, -7.7430

Complementary

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



175.5840, 31.3110, 21.7670



196.4160, -31.3110, -21.7670

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.



158.5780, -57.9500, -18.0620



175.5840, 31.3110, 21.7670



164.9420, -12.4210, -22.7010

Square

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



175.5840, 31.3110, 21.7670



170.6010, 31.5000, -9.2040



160.8820, -38.5550, -22.6430



167.9030, -41.9070, 5.0770

Rectangle

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



175.5840, 31.3110, 21.7670



173.2580, 43.3720, 6.9240



160.8820, -38.5550, -22.6430



159.7120, -61.0230, -11.9270

Sweetspot

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



175.5840, 31.3110, 21.7670



239.9030, 10.8190, 7.6750



172.7830, 3.2500, 29.2180



118.1690, 7.0140, 5.0460



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.



175.5840, 31.3110, 21.7670



194.4980, 43.5970, 30.3890



177.4300, 37.1360, 9.8080



102.7450, 5.2720, 3.5760



59.2510, 81.9220, 57.2020



15.6920, 21.9590, 15.0390

Inverse Universe

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



175.5840, 31.3110, 21.7670



194.4980, 43.5970, 30.3890



194.5700, -37.1360, -9.8080



102.7450, 5.2720, 3.5760



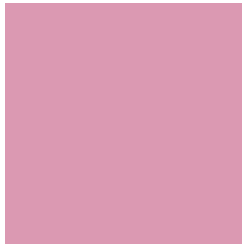
59.2510, 81.9220, 57.2020



15.6920, 21.9590, 15.0390

Previews

White Background



This preview shows how the YIQ color 175.5840, 31.3110, 21.7670 looks on a white background.

Color Contrast Check

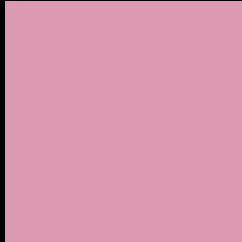
Large Text (above 18pt) WCAG AA × Fail

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 175.5840, 31.3110, 21.7670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

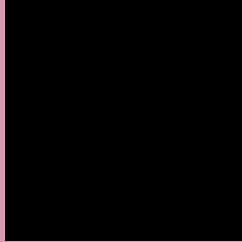
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 175.5840, 31.3110, 21.7670

Background



This preview shows how black text looks on a background with the YIQ color 175.5840, 31.3110, 21.7670.



This preview shows how white text looks on a background with the YIQ color 175.5840, 31.3110,

21.7670.

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

175.5840, 31.3110, 21.7670

Protanopia

172.7530, -6.3740, 5.3860

Deuteranopia

174.0060, 9.0310, 7.0390



Tritanopia

175.2050, 33.6960, 17.0880

Trichromacy



Original Color

175.5840, 31.3110, 21.7670

Protanomaly

173.5700, 7.5630, 11.6190

Deuteranomaly

174.7730, 17.2370, 12.5090

Tritanomaly

175.0740, 32.6870, 18.8550

Monochromacy



Original Color

175.5840, 31.3110, 21.7670

Achromatopsia

176.0000, -0.0000, -0.0000

Achromatomaly

176.2020, 11.4150, 7.8870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 175.5840, 31.3110, 21.7670 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(219, 153, 178)` looks like.

```
.text, #text, p{  
    color:rgb(219, 153, 178)  
}
```

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(219, 153, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 153, 178) }
```

Border

The CSS property to change the border of an element to YIQ 175.5840, 31.3110, 21.7670 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(219, 153, 178) }
```


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

```
.border{ border-color:rgb(219, 153, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 153, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 153, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 153, 178);  
box-shadow:4px 4px 4px 4px rgb(219, 153,  
178) }
```

Background

The CSS property to change the background color of an element to YIQ 175.5840, 31.3110, 21.7670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 153, 178) }
```

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

```
.background{ background-color: rgb(219,  
153, 178) }
```

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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