

Converting Colors

YIQ(172.6440, 31.0820, 20.4100)

Have a look what the booklet for
YIQ(172.6440, 31.0820, 20.4100)
contains.

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Color

**YIQ(172.6440, 31.0820,
20.4100)**

Conversions

Conversions Part 1

Format	Color
Hex	D797AD
RGB	215, 151, 173
RGB Percent	84%, 59%, 68%
CMY	0.1567, 0.4079, 0.3215
CMYK	0.00, 0.30, 0.20, 0.16
HSL	339°, 44%, 72%
HSV	339°, 30%, 84%
XYZ	46.6445, 39.5962, 44.7333
YIQ	172.6440, 31.0820, 20.4100

Conversions

Conversions Part 2

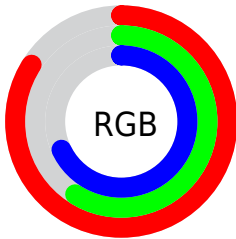
Format	Color
R_{YB}	215, 151, 173
Decimal	14129069
CIE Lab	69.18, 27.23, -1.82
CIE LCh	69, 27.289, 356.183
Yxy	39.5962, 0.3561, 0.3023
Android (android.graphics.Color)	4292319149 (0xFFD797AD)
YUV	172.6440, 0.1755, 37.1462
Hunter-Lab	62.9255, 22.1961, 1.8990

Details

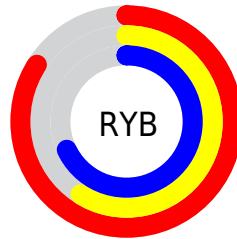
The YIQ color **172.6440, 31.0820, 20.4100** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **193.3560, -31.0820, -20.4100**, and the grayscale version is **173.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **223.1590, 22.1420, 17.2300**, and **119.4480, 28.6980, 19.5620** is the 20% darker color. If you saturate the color by 10%, you get **158.1340, 41.6260, 27.5620**, and if you desaturate by 10%, it is **186.5670, 20.8130, 13.7810**.

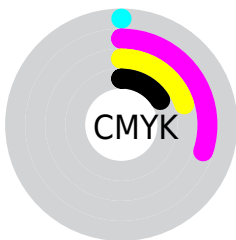
Distribution



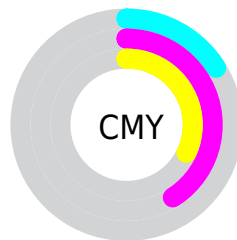
- Red (84%)
- Green (59%)
- Blue (68%)



- Red (84%)
- Yellow (59%)
- Blue (68%)



- Cyan (0%)
- Magenta (30%)
- Yellow (20%)
- Black (16%)



- Cyan (16%)
- Magenta (41%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.6440, 31.0820, 20.4100 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 172.6440, 31.0820, 20.4100 by changing the saturation by 10% instead.

■ 172.6440, 31.0820,
20.4100

■ 172.6440, 31.0820,
20.4100

255.0000, -0.0000,
-0.0000

■ 145.9320, 30.2110,
19.6750

■ 223.1590, 22.1420,
17.2300

■ 119.4480, 28.6980,
19.5620

■ 242.6730, 5.7750,
10.9830

■ 94.4370, 27.2310,
18.6150

■ 69.8390, 26.0390,
18.1910

■ 46.3550, 24.5260,
18.0780

■ 22.3980, 22.9670,
18.7990

■ 11.2910, 21.4100,

8.4660

■ 0.0000, 0.0000,
0.0000

■ 172.6440, 31.0820,
20.4100

■ 172.6440, 31.0820,
20.4100

■ 158.1340, 41.6260,
27.5620

■ 186.5670, 20.8130,
13.7810

■ 144.2110, 51.8950,
34.1910

■ 201.0770, 10.2690,
6.6290

■ 129.7010, 62.4390,
41.3430

■ 215.0000, -0.0000,
-0.0000

■ 115.7780, 72.7080,
47.9720

■ 229.5100,
-10.5440, -7.1520

■ 101.2680, 83.2520,
55.1240

■ 241.7860,
-20.3090, -11.9010

■ 87.2310, 93.8420,
61.4420

■ 243.0400,
-23.8400, -8.4800

■ 72.7210, 104.3860,
68.5940

Harmonies

Analogous

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



173.2320, 11.8710, 21.6550



172.6440, 31.0820, 20.4100



171.5770, 41.2160, 12.9600

Triad

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



172.6440, 31.0820, 20.4100



165.3100, 10.0900, -17.6700



159.6960, -54.9260, -6.7820

Complementary

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



172.6440, 31.0820, 20.4100



193.3560, -31.0820, -20.4100

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.



156.3010, -55.6120, -16.3800



172.6440, 31.0820, 20.4100



162.0990, -14.3010, -21.6690

Square

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



172.6440, 31.0820, 20.4100



167.9320, 29.0700, -9.2180



158.2350, -38.0510, -20.7630



165.5830, -38.0100, 6.0380

Rectangle

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



172.6440, 31.0820, 20.4100



170.8340, 41.6300, 5.4540



158.2350, -38.0510, -20.7630



157.9190, -57.1720, -10.1320

Sweetspot

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



172.6440, 31.0820, 20.4100



239.7890, 11.1400, 7.3640



170.8540, 4.4880, 28.8080



118.0550, 7.3350, 4.7350



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.



172.6440, 31.0820, 20.4100



194.1560, 44.5600, 29.4560



176.0060, 35.3940, 8.3380



99.7450, 5.2720, 3.5760



57.8550, 82.9770, 54.6010



14.5670, 20.8130, 13.7810

Inverse Universe

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



172.6440, 31.0820, 20.4100



194.1560, 44.5600, 29.4560



189.9940, -35.3940, -8.3380



99.7450, 5.2720, 3.5760



57.8550, 82.9770, 54.6010



14.5670, 20.8130, 13.7810

Previews

White Background



This preview shows how the YIQ color 172.6440, 31.0820, 20.4100 looks on a white background.

Color Contrast Check

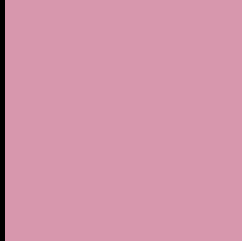
Large Text (above 18pt) WCAG AA × Fail

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 172.6440, 31.0820, 20.4100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

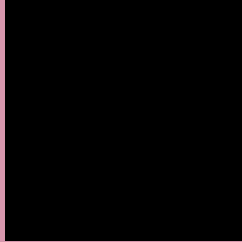
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 172.6440, 31.0820, 20.4100

Background



This preview shows how black text looks on a background with the YIQ color 172.6440, 31.0820, 20.4100.



This preview shows how white text looks on a background with the YIQ color 172.6440, 31.0820,

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

172.6440, 31.0820, 20.4100

Protanopia

169.7100, -4.8150, 4.6650

Deuteranopia

171.0770, 10.2690, 6.6290



Tritanopia

171.9060, 33.1000, 16.8760

Trichromacy



Original Color

172.6440, 31.0820, 20.4100

Protanomaly

170.8150, 8.2510, 10.1630

Deuteranomaly

171.5450, 17.8790, 11.8870

Tritanomaly

172.2480, 32.1370, 17.8090

Monochromacy



Original Color

172.6440, 31.0820, 20.4100

Achromatopsia

173.0000, -0.0000, 0.0000

Achromatomaly

172.7890, 11.1400, 7.3640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.6440, 31.0820, 20.4100 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(215, 151, 173)` looks like.

```
.text, #text, p{  
    color:rgb(215, 151, 173)  
}
```

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(215, 151, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 151, 173) }
```

Border

The CSS property to change the border of an element to YIQ 172.6440, 31.0820, 20.4100 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(215, 151, 173) }
```


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

```
.border{ border-color:rgb(215, 151, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 151, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 151, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 151, 173);  
box-shadow:4px 4px 4px 4px rgb(215, 151,  
173) }
```

Background

The CSS property to change the background color of an element to YIQ 172.6440, 31.0820, 20.4100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 151, 173) }
```

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

```
.background{ background-color: rgb(215,  
151, 173) }
```

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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