

Converting Colors

YIQ(172.3000, 26.3590, 23.4070)

Have a look what the booklet for
YIQ(172.3000, 26.3590, 23.4070)
contains.

YIQ(172.3000, 26.3590, 23.4070)	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(172.3000, 26.3590,
23.4070)**

Conversions

Conversions Part 1

Format	Color
Hex	D496B7
RGB	212, 150, 183
RGB Percent	83%, 59%, 72%
CMY	0.1685, 0.4118, 0.2823
CMYK	0.00, 0.29, 0.14, 0.17
HSL	328°, 42%, 71%
HSV	328°, 29%, 83%
XYZ	46.6153, 39.2276, 49.9255
YIQ	172.3000, 26.3590, 23.4070

Conversions

Conversions Part 2

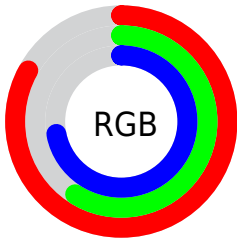
Format	Color
R _Y B	212, 150, 183
Decimal	13932215
CIE Lab	68.92, 28.29, -7.82
CIE LCh	69, 29.350, 344.553
Yxy	39.2276, 0.3433, 0.2889
Android (android.graphics.Color)	4292122295 (0xFFD496B7)
YUV	172.3000, 5.2751, 34.8169
Hunter-Lab	62.6319, 23.2470, -3.4193

Details

The YIQ color $172.3000, 26.3590, 23.4070$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $189.7000, -26.3590, -23.4070$, and the grayscale version is $172.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $223.8260, 18.8860, 21.1740$, and $118.9900, 24.2960, 22.2480$ is the 20% darker color. If you saturate the color by 10%, you get $158.8330, 35.3440, 31.2800$, and if you desaturate by 10%, it is $185.7670, 17.3740, 15.5340$.

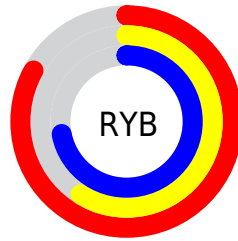
Distribution



Red (83%)

Green (59%)

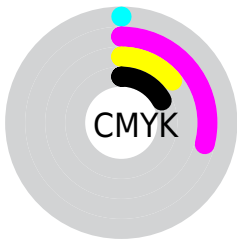
Blue (72%)



Red (83%)

Yellow (59%)

Blue (72%)

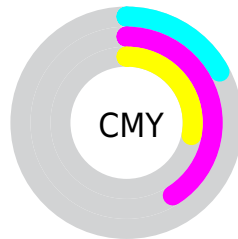


Cyan (0%)

Magenta (29%)

Yellow (14%)

Black (17%)



Cyan (17%)


Magenta (41%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 172.3000, 26.3590, 23.4070 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 172.3000, 26.3590, 23.4070 by changing the saturation by 10% instead.


 172.3000, 26.3590,
23.4070


 172.3000, 26.3590,
23.4070


255.0000, -0.0000,
-0.0000


 145.5880, 25.4880,
22.6720


 223.8260, 18.8860,
21.1740


 118.9900, 24.2960,
22.2480

 242.0860, 6.0500,
11.5060

 94.2780, 23.4250,
21.5130

 69.6800, 22.2330,
21.0890

 46.0820, 21.0410,
20.6650

 22.0110, 19.8030,
21.0750

 12.1750, 16.0450,

12.0850

■ 0.0000, 0.0000,
0.0000

■ 172.3000, 26.3590,
23.4070

■ 172.3000, 26.3590,
23.4070

■ 158.8330, 35.3440,
31.2800

■ 185.7670, 17.3740,
15.5340

■ 145.3660, 44.3290,
39.1530

■ 199.2340, 8.3890,
7.6610

■ 131.3120, 53.5890,
47.5490

■ 213.2880, -0.8710,
-0.7350

■ 117.8450, 62.5740,
55.4220

■ 226.7550, -9.8560,
-8.6080

■ 104.3780, 71.5590,
63.2950

■ 239.6350,
-18.5660, -15.9580

■ 91.0250, 80.2230,
71.4790

■ 240.7750,
-21.7760, -12.8480

■ 77.5580, 89.2080,
79.3520

■ 241.8010,
-24.6650, -10.0490

■ 76.2700, 90.0790,
80.0870

■ 242.1430,
-25.6280, -9.1160

Harmonies

Analogous

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



171.8550, 2.7470, 21.8110



172.3000, 26.3590, 23.4070



171.3260, 40.6650, 17.4410

Triad

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



172.3000, 26.3590, 23.4070



165.6270, 19.4430, -16.4690



155.3310, -64.3240, -12.6760

Complementary

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



172.3000, 26.3590, 23.4070



189.7000, -26.3590, -23.4070

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.



154.3670, -55.9780, -20.7620



172.3000, 26.3590, 23.4070



162.3620, -4.8560, -22.1360

Square

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



172.3000, 26.3590, 23.4070



167.9330, 36.4970, -6.1510



158.0630, -31.8150, -23.6470



161.7770, -50.4800, 0.7520

Rectangle

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



172.3000, 26.3590, 23.4070



170.2630, 44.9760, 10.8960



158.0630, -31.8150, -23.6470



154.1090, -63.8190, -16.3230

Sweetspot

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



172.3000, 26.3590, 23.4070



240.2450, 9.8560, 8.6080



165.7390, -2.6180, 25.4300



118.3970, 6.3720, 5.6680



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.



172.3000, 26.3590, 23.4070



197.9690, 37.9570, 33.4850



168.7660, 36.3100, 13.7660



99.9730, 4.6300, 4.1980



61.5030, 72.7050, 64.5530



15.4790, 18.2450, 16.2690

Inverse Universe

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



172.3000, 26.3590, 23.4070



197.9690, 37.9570, 33.4850



193.2340, -36.3100, -13.7660



99.9730, 4.6300, 4.1980



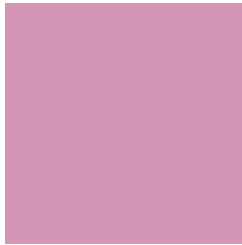
61.5030, 72.7050, 64.5530



15.4790, 18.2450, 16.2690

Previews

White Background



This preview shows how the YIQ color 172.3000, 26.3590, 23.4070 looks on a white background.

Color Contrast Check

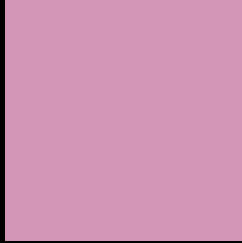
Large Text (above 18pt) WCAG AA × Fail

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 172.3000, 26.3590, 23.4070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

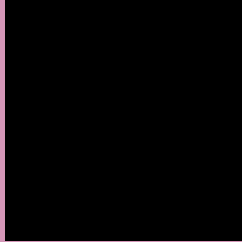
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 172.3000, 26.3590, 23.4070

Background



This preview shows how black text looks on a background with the YIQ color 172.3000, 26.3590, 23.4070.



This preview shows how white text looks on a background with the YIQ color 172.3000, 26.3590,

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

172.3000, 26.3590, 23.4070

Protanopia

169.1810, -10.4550, 7.7610

Deuteranopia

170.3090, 3.8040, 8.1560



Tritanopia

171.4110, 30.1200, 15.8160

Trichromacy



Original Color

172.3000, 26.3590, 23.4070

Protanomaly

170.2860, 2.6110, 13.2590

Deuteranomaly

171.0760, 12.0100, 13.6260

Tritanomaly

171.9210, 28.7440, 18.7280

Monochromacy



Original Color

172.3000, 26.3590, 23.4070

Achromatopsia

172.0000, -0.0000, -0.0000

Achromatomaly

172.2450, 9.8560, 8.6080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.3000, 26.3590, 23.4070 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(212, 150, 183)` looks like.

```
.text, #text, p{  
    color:rgb(212, 150, 183)  
}
```

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(212, 150, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 150, 183) }
```

Border

The CSS property to change the border of an element to YIQ 172.3000, 26.3590, 23.4070 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(212, 150, 183) }
```


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

```
.border{ border-color:rgb(212, 150, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 150, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 150, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 150, 183);  
box-shadow:4px 4px 4px 4px rgb(212, 150,  
183) }
```

Background

The CSS property to change the background color of an element to YIQ 172.3000, 26.3590, 23.4070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 150, 183) }
```

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

```
.background{ background-color: rgb(212,  
150, 183) }
```

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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