

Converting Colors

YIQ(170.0400, 30.0270, 23.0110)

Have a look what the booklet for
YIQ(170.0400, 30.0270, 23.0110)
contains.

YIQ(170.0400, 30.0270, 23.0110)	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(170.0400, 30.0270,
23.0110)**

Conversions

Conversions Part 1

Format	Color
Hex	D593B0
RGB	213, 147, 176
RGB Percent	84%, 58%, 69%
CMY	0.1645, 0.4236, 0.3097
CMYK	0.00, 0.31, 0.17, 0.16
HSL	334°, 44%, 71%
HSV	334°, 31%, 84%
XYZ	45.7219, 38.1472, 46.0404
YIQ	170.0400, 30.0270, 23.0110

Conversions

Conversions Part 2

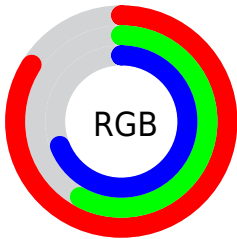
Format	Color
R _Y B	213, 147, 176
Decimal	13996976
CIE Lab	68.13, 29.15, -5.06
CIE LCh	68, 29.582, 350.142
Yxy	38.1472, 0.3520, 0.2936
Android (android.graphics.Color)	4292187056 (0xFFD593B0)
YUV	170.0400, 2.9383, 37.6759
Hunter-Lab	61.7634, 24.0529, -0.9623

Details

The YIQ color $170.0400, 30.0270, 23.0110$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $189.9600, -30.0270, -23.0110$, and the grayscale version is $170.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $221.2670, 21.9580, 20.5660$, and $116.8440, 27.6430, 22.1630$ is the 20% darker color. If you saturate the color by 10%, you get $156.3450, 39.6540, 30.2620$, and if you desaturate by 10%, it is $183.7350, 20.4000, 15.7600$.

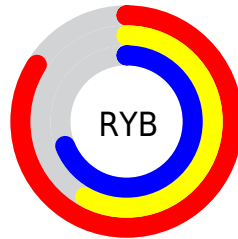
Distribution



Red (84%)

Green (58%)

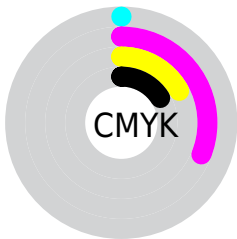
Blue (69%)



Red (84%)

Yellow (58%)

Blue (69%)

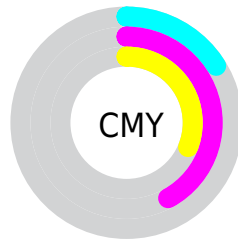


Cyan (0%)

Magenta (31%)

Yellow (17%)

Black (16%)



Cyan (16%)


Magenta (42%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 170.0400, 30.0270, 23.0110 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 170.0400, 30.0270, 23.0110 by changing the saturation by 10% instead.


 170.0400, 30.0270,
23.0110


 170.0400, 30.0270,
23.0110


255.0000, -0.0000,
-0.0000


 143.3280, 29.1560,
22.2760


 221.2670, 21.9580,
20.5660


 116.8440, 27.6430,
22.1630

 240.3250, 6.8750,
13.0750

 91.8330, 26.1760,
21.2160

 67.2350, 24.9840,
20.7920

 43.6370, 23.7920,
20.3680

 19.6800, 22.2330,
21.0890

 10.7360, 18.6590,

8.7630

■ 0.0000, 0.0000,
0.0000

■ 170.0400, 30.0270,
23.0110

■ 170.0400, 30.0270,
23.0110

■ 156.3450, 39.6540,
30.2620

■ 183.7350, 20.4000,
15.7600

■ 142.0630, 49.5560,
38.0360

■ 198.0170, 10.4980,
7.9860

■ 128.3680, 59.1830,
45.2870

■ 211.7120, 0.8710,
0.7350

■ 114.6730, 68.8100,
52.5380

■ 225.4070, -8.7560,
-6.5160

■ 100.3910, 78.7120,
60.3120

■ 239.6890,
-18.6580, -14.2900

■ 86.6960, 88.3390,
67.5630

■ 241.6440,
-22.7850, -11.0810

■ 74.4030, 96.7740,
74.3900

■ 242.4420,
-25.0320, -8.9040

Harmonies

Analogous

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



169.8340, 7.2400, 22.9840



170.0400, 30.0270, 23.0110



169.0550, 42.8660, 16.0980

Triad

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



170.0400, 30.0270, 23.0110



162.5340, 15.2710, -17.9530



153.6840, -63.8200, -10.7960

Complementary

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



170.0400, 30.0270, 23.0110



189.9600, -30.0270, -23.0110

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.



151.6270, -59.6460, -20.3660



170.0400, 30.0270, 23.0110



159.4970, -9.6700, -22.9980

Square

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



170.0400, 30.0270, 23.0110



165.2100, 34.1590, -7.8330



154.8390, -36.9960, -23.3640



160.5110, -46.6750, 3.3810

Rectangle

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



170.0400, 30.0270, 23.0110



167.7960, 44.7930, 8.7050



154.8390, -36.9960, -23.3640



152.0920, -65.1490, -14.2450

Sweetspot

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



170.0400, 30.0270, 23.0110



240.0170, 10.4980, 7.9860



165.2880, 0.2700, 28.1580



118.2830, 6.6930, 5.3570



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.



170.0400, 30.0270, 23.0110



193.7800, 42.8630, 32.6790



168.4950, 38.5110, 12.4230



99.8590, 4.9510, 3.8870



59.6790, 77.8410, 59.5770



15.0230, 19.5290, 15.0250

Inverse Universe

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



170.0400, 30.0270, 23.0110



193.7800, 42.8630, 32.6790



191.5050, -38.5110, -12.4230



99.8590, 4.9510, 3.8870



59.6790, 77.8410, 59.5770



15.0230, 19.5290, 15.0250

Previews

White Background



This preview shows how the YIQ color 170.0400, 30.0270, 23.0110 looks on a white background.

Color Contrast Check

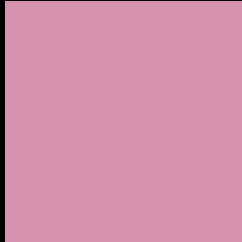
Large Text (above 18pt) WCAG AA × Fail

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 170.0400, 30.0270, 23.0110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

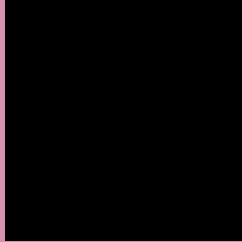
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 170.0400, 30.0270, 23.0110

Background



This preview shows how black text looks on a background with the YIQ color 170.0400, 30.0270, 23.0110.



This preview shows how white text looks on a background with the YIQ color 170.0400, 30.0270,

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

170.0400, 30.0270, 23.0110

Protanopia

166.9100, -8.2540, 6.4180

Deuteranopia

167.7500, 6.8760, 7.5480



Tritanopia

169.4930, 32.8250, 16.3530

Trichromacy



Original Color

170.0400, 30.0270, 23.0110

Protanomaly

167.7270, 5.6830, 12.6510

Deuteranomaly

168.5170, 15.0820, 13.0180

Tritanomaly

169.7750, 32.0910, 18.6430

Monochromacy



Original Color

170.0400, 30.0270, 23.0110

Achromatopsia

170.0000, -0.0000, 0.0000

Achromatomaly

170.3160, 11.0940, 8.1980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.0400, 30.0270, 23.0110 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(213, 147, 176)` looks like.

```
.text, #text, p{  
    color:rgb(213, 147, 176)  
}
```

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(213, 147, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 147, 176) }
```

Border

The CSS property to change the border of an element to YIQ 170.0400, 30.0270, 23.0110 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(213, 147, 176) }
```


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

```
.border{ border-color:rgb(213, 147, 176) }
```

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

Here you see how a box with a 4 pixel rgb(213, 147, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 147, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 147, 176);  
box-shadow:4px 4px 4px 4px rgb(213, 147,  
176) }
```

Background

The CSS property to change the background color of an element to YIQ 170.0400, 30.0270, 23.0110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 147, 176) }
```

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

```
.background{ background-color: rgb(213,  
147, 176) }
```

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