

Converting Colors

YIQ(180.2410, 24.8470, 17.7670)

Have a look what the booklet for
YIQ(180.2410, 24.8470, 17.7670)
contains.

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Color

**YIQ(180.2410, 24.8470,
17.7670)**

Conversions

Conversions Part 1

Format	Color
Hex	D7A2B7
RGB	215, 162, 183
RGB Percent	84%, 64%, 72%
CMY	0.1567, 0.3648, 0.2823
CMYK	0.00, 0.25, 0.15, 0.16
HSL	336°, 40%, 74%
HSV	336°, 25%, 84%
XYZ	49.5006, 43.7051, 50.6382
YIQ	180.2410, 24.8470, 17.7670

Conversions

Conversions Part 2

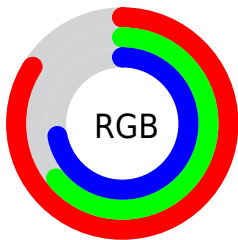
Format	Color
R _Y B	215, 162, 183
Decimal	14131895
CIE Lab	72.03, 22.84, -3.18
CIE LCh	72, 23.055, 352.081
Yxy	43.7051, 0.3441, 0.3038
Android (android.graphics.Color)	4292321975 (0xFFD7A2B7)
YUV	180.2410, 1.3602, 30.4836
Hunter-Lab	66.1098, 17.9621, 0.8625

Details

The YIQ color **180.2410, 24.8470, 17.7670** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **196.7590, -24.8470, -17.7670**, and the grayscale version is **180.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **230.8700, 15.5860, 14.8980**, and **127.2300, 23.3800, 16.8200** is the 20% darker color. If you saturate the color by 10%, you get **165.8450, 35.0700, 25.2300**, and if you desaturate by 10%, it is **194.0500, 14.8990, 10.8270**.

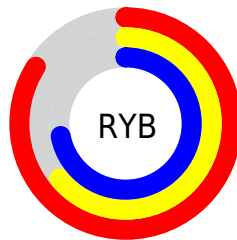
Distribution



Red (84%)

Green (64%)

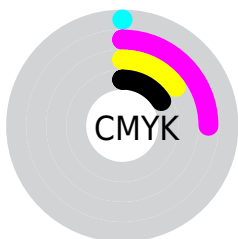
Blue (72%)



Red (84%)

Yellow (64%)

Blue (72%)

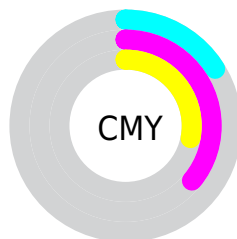


Cyan (0%)

Magenta (25%)

Yellow (15%)

Black (16%)



Cyan (16%)


Magenta (36%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 180.2410, 24.8470, 17.7670 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 180.2410, 24.8470, 17.7670 by changing the saturation by 10% instead.


 180.2410, 24.8470,
17.7670


 180.2410, 24.8470,
17.7670


255.0000, -0.0000,
-0.0000


 153.5290, 23.9760,
17.0320


 230.8700, 15.5860,
14.8980


 127.2300, 23.3800,
16.8200

 249.7170, 2.4750,
4.7070

 101.6320, 22.1880,
16.3960

 77.0340, 20.9960,
15.9720

 54.0230, 19.5290,
15.0250

 31.4250, 18.3370,
14.6010

 13.0720, 17.8330,

12.7210

■ 0.0000, 0.0000,
0.0000

■ 180.2410, 24.8470,
17.7670

■ 180.2410, 24.8470,
17.7670

■ 165.8450, 35.0700,
25.2300

■ 194.0500, 14.8990,
10.8270

■ 152.0360, 45.0180,
32.1700

■ 208.4460, 4.6760,
3.3640

■ 137.6400, 55.2410,
39.6330

■ 222.2550, -5.2720,
-3.5760

■ 123.8310, 65.1890,
46.5730

■ 236.6510,
-15.4950, -11.0390

■ 109.4350, 75.4120,
54.0360

■ 242.2420,
-21.5930, -10.6570

■ 95.6260, 85.3600,
60.9760

■ 243.0400,
-23.8400, -8.4800

■ 81.2300, 95.5830,
68.4390

■ 73.9750, 100.8550,
72.0150

Harmonies

Analogous

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



179.7860, 7.1950, 18.2910



180.2410, 24.8470, 17.7670



179.3420, 34.5680, 12.2960

Triad

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



180.2410, 24.8470, 17.7670



173.9020, 11.4190, -14.2210



169.4860, -45.5270, -6.4150

Complementary

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



180.2410, 24.8470, 17.7670



196.7590, -24.8470, -17.7670

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.



167.2270, -43.6000, -13.8080



180.2410, 24.8470, 17.7670



171.1430, -8.4330, -17.8810

Square

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



180.2410, 24.8470, 17.7670



176.1430, 27.0980, -6.5180



168.6060, -28.7900, -17.8940



173.5680, -33.6540, 4.1860

Rectangle

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



180.2410, 24.8470, 17.7670



178.7240, 36.1280, 6.0480



168.6060, -28.7900, -17.8940



168.6060, -45.9850, -9.1290

Sweetspot

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



180.2410, 24.8470, 17.7670



243.1800, 8.4810, 5.9930



177.6100, 2.0590, 23.2670



120.7450, 5.2720, 3.5760



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.



180.2410, 24.8470, 17.7670



205.1440, 35.6660, 25.4420



180.7820, 30.2130, 8.6210



99.8590, 4.9510, 3.8870



58.8810, 80.0880, 57.4000



14.7950, 20.1710, 14.4030

Inverse Universe

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



180.2410, 24.8470, 17.7670



205.1440, 35.6660, 25.4420



196.2180, -30.2130, -8.6210



99.8590, 4.9510, 3.8870



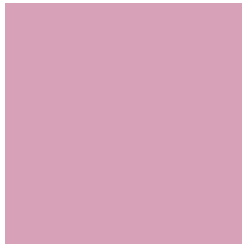
58.8810, 80.0880, 57.4000



14.7950, 20.1710, 14.4030

Previews

White Background



This preview shows how the YIQ color 180.2410, 24.8470, 17.7670 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 180.2410, 24.8470, 17.7670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

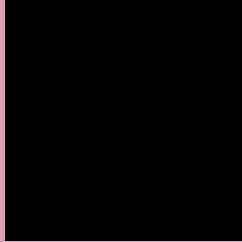
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 180.2410, 24.8470, 17.7670

Background



This preview shows how black text looks on a background with the YIQ color 180.2410, 24.8470, 17.7670.



This preview shows how white text looks on a background with the YIQ color 180.2410, 24.8470,

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

180.2410, 24.8470, 17.7670

Protanopia

177.7100, -4.8150, 4.6650

Deuteranopia

178.4190, 9.3060, 7.5620



Tritanopia

179.7310, 26.2230, 14.8550

Trichromacy



Original Color

180.2410, 24.8470, 17.7670

Protanomaly

178.6190, 5.8670, 9.3150

Deuteranomaly

179.1640, 14.5780, 11.1380

Tritanomaly

180.0730, 25.2600, 15.7880

Monochromacy



Original Color

180.2410, 24.8470, 17.7670

Achromatopsia

180.0000, -0.0000, -0.0000

Achromatomaly

179.8920, 9.3520, 6.7280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.2410, 24.8470, 17.7670 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(215, 162, 183)` looks like.

```
.text, #text, p{  
    color:rgb(215, 162, 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(215, 162, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 162, 183) }
```

Border

The CSS property to change the border of an element to YIQ 180.2410, 24.8470, 17.7670 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(215, 162, 183) }
```


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

```
.border{ border-color:rgb(215, 162, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 162, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 162, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 162, 183);  
box-shadow:4px 4px 4px 4px rgb(215, 162,  
183) }
```

Background

The CSS property to change the background color of an element to YIQ 180.2410, 24.8470, 17.7670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 162, 183) }
```

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

```
.background{ background-color: rgb(215,  
162, 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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