

Converting Colors

YIQ(180.8090, 25.5830, 4.4230)

Have a look what the booklet for
YIQ(180.8090, 25.5830, 4.4230)
contains.

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Color

**YIQ(180.8090, 25.5830,
4.4230)**

Conversions

Conversions Part 1

Format	Color
Hex	D0ABA0
RGB	208, 171, 160
RGB Percent	82%, 67%, 63%
CMY	0.1842, 0.3295, 0.3724
CMYK	0.00, 0.18, 0.23, 0.18
HSL	14°, 34%, 72%
HSV	14°, 23%, 82%
XYZ	46.9258, 45.0719, 39.4971
YIQ	180.8090, 25.5830, 4.4230

Conversions

Conversions Part 2

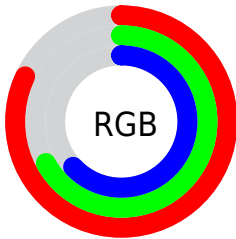
Format	Color
R_{YB}	208, 174, 160
Decimal	13675424
CIE _{Lab}	72.94, 11.82, 10.71
CIE _{LCh}	73, 15.949, 42.168
Yxy	45.0719, 0.3569, 0.3428
Android (android.graphics.Color)	4291865504 (0xFFD0ABA0)
YUV	180.8090, -10.2588, 23.8465
Hunter-Lab	67.1356, 7.2790, 12.1136

Details

The YIQ color **180.8090, 25.5830, 4.4230** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **187.1910, -25.5830, -4.4230**, and the grayscale version is **181.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **233.4170, 20.8150, 2.7270**, and **128.0260, 23.4740, 4.0980** is the 20% darker color. If you saturate the color by 10%, you get **169.0230, 36.7240, 6.2600**, and if you desaturate by 10%, it is **192.5950, 14.4420, 2.5860**.

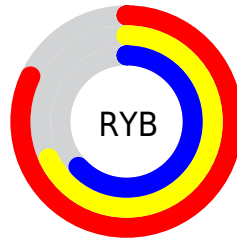
Distribution



Red (82%)

Green (67%)

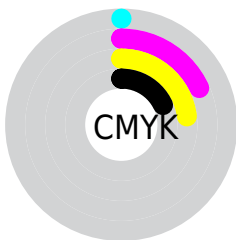
Blue (63%)



Red (82%)

Yellow (68%)

Blue (63%)

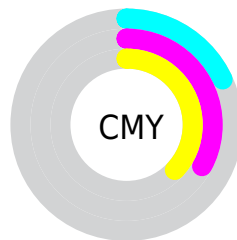


Cyan (0%)

Magenta (18%)

Yellow (23%)

Black (18%)



Cyan (18%)


Magenta (33%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 180.8090, 25.5830, 4.4230 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 180.8090, 25.5830, 4.4230 by changing the saturation by 10% instead.

 180.8090, 25.5830,
4.4230

 180.8090, 25.5830,
4.4230

255.0000, -0.0000,
-0.0000


 153.6240, 24.6660,
4.5220


 233.4170, 20.8150,
2.7270


 128.0260, 23.4740,
4.0980

 253.6320, 3.8520,
-3.7320

 102.7270, 22.8780,
3.8860

 78.2430, 21.3650,
3.7730

 55.3460, 19.5770,
3.1370

 33.5630, 17.4680,
2.8120

 10.1550, 18.7970,

6.2610

■ 0.0000, 0.0000,
0.0000

■ 180.8090, 25.5830,
4.4230

■ 180.8090, 25.5830,
4.4230

■ 169.0230, 36.7240,
6.2600

■ 192.5950, 14.4420,
2.5860

■ 157.2370, 47.8650,
8.0970

■ 204.3810, 3.3010,
0.7490

■ 145.5650, 58.6850,
10.2450

■ 216.0530, -7.5190,
-1.3990

■ 133.7790, 69.8260,
12.0820

■ 227.8390,
-18.6600, -3.2360

■ 121.9930, 80.9670,
13.9190

■ 238.5990,
-26.9120, -7.8720

■ 110.2070, 92.1080,
15.7560

■ 240.9470,
-28.0120, -9.9640

■ 98.4210, 103.2490,
17.5930

■ 90.3680, 110.7680,
18.9920

Harmonies

Analogous

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



181.7150, 23.1520, 9.9360



180.8090, 25.5830, 4.4230



179.5540, 21.6870, -2.0650

Triad

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



180.8090, 25.5830, 4.4230



174.5970, -15.4030, -12.7070



179.2130, -13.4810, 7.5350

Complementary

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



180.8090, 25.5830, 4.4230



187.1910, -25.5830, -4.4230

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.



176.6520, -25.2630, 0.7930



180.8090, 25.5830, 4.4230



173.9040, -26.4530, -10.6850

Square

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



180.8090, 25.5830, 4.4230



176.1380, -0.8690, -11.7890



174.2120, -30.0760, -5.5960



180.9760, 0.5480, 12.1000

Rectangle

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



180.8090, 25.5830, 4.4230



178.3960, 16.1400, -6.1640



174.2120, -30.0760, -5.5960



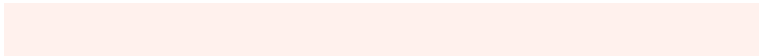
178.4080, -18.5240, 5.3160

Sweetspot

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



180.8090, 25.5830, 4.4230



244.7300, 9.6280, 1.7240



178.6840, 16.4100, 21.9940



122.0500, 5.7310, 0.7630



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.



180.8090, 25.5830, 4.4230



214.6210, 37.9160, 6.6840



194.3100, 19.2580, -7.6060



98.4630, 6.0060, 1.2860



72.5380, 89.6780, 15.7420



17.5420, 21.9610, 3.9850

Inverse Universe

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



187.1910, -25.5830, -4.4230



224.3790, -37.9160, -6.6840



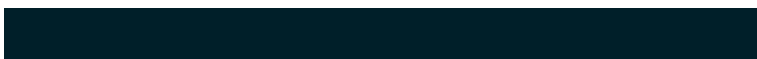
173.6900, -19.2580, 7.6060



99.9500, -5.7310, -0.7630



95.4620, -89.6780, -15.7420



22.8710, -21.6860, -3.4620

Previews

White Background



This preview shows how the YIQ color 180.8090, 25.5830, 4.4230 looks on a white background.

Color Contrast Check

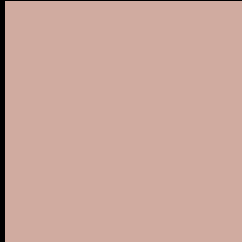
Large Text (above 18pt) WCAG AA × Fail

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 180.8090, 25.5830, 4.4230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

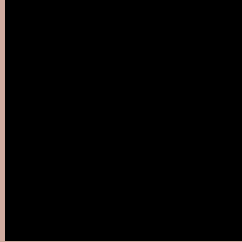
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 180.8090, 25.5830, 4.4230

Background



This preview shows how black text looks on a background with the YIQ color 180.8090, 25.5830, 4.4230.



This preview shows how white text looks on a background with the YIQ color 180.8090, 25.5830,

4.4230.

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

180.8090, 25.5830, 4.4230

Protanopia

179.3830, 8.9870, -3.1810

Deuteranopia

180.7870, 22.6490, 2.5290



Tritanopia

182.0400, 20.8590, 12.9470

Trichromacy



Original Color

180.8090, 25.5830, 4.4230

Protanomaly

179.9000, 14.9010, -0.2270

Deuteranomaly

180.4990, 23.5200, 3.2640

Tritanomaly

181.4160, 22.5560, 9.7240

Monochromacy



Original Color

180.8090, 25.5830, 4.4230

Achromatopsia

181.0000, -0.0000, 0.0000

Achromatomaly

180.7300, 9.6280, 1.7240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.8090, 25.5830, 4.4230 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(208, 171, 160)` looks like.

```
.text, #text, p{  
    color:rgb(208, 171, 160)  
}
```

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(208, 171, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 171, 160) }
```

Border

The CSS property to change the border of an element to YIQ 180.8090, 25.5830, 4.4230 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(208, 171, 160) }
```


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

```
.border{ border-color:rgb(208, 171, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 171, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 171, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 171, 160);  
box-shadow:4px 4px 4px 4px rgb(208, 171,  
160) }
```

Background

The CSS property to change the background color of an element to YIQ 180.8090, 25.5830, 4.4230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 171, 160) }
```

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

```
.background{ background-color: rgb(208,  
171, 160) }
```

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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