

Converting Colors

YIQ(180.0660, 25.9970, -3.0830)

Have a look what the booklet for
YIQ(180.0660, 25.9970, -3.0830)
contains.

YIQ(180.0660, 25.9970, -3.0830)	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(180.0660, 25.9970,
-3.0830)**

Conversions

Conversions Part 1

Format	Color
Hex	CBAF92
RGB	203, 175, 146
RGB Percent	80%, 69%, 57%
CMY	0.2039, 0.3138, 0.4273
CMYK	0.00, 0.14, 0.28, 0.20
HSL	30°, 35%, 68%
HSV	30°, 28%, 80%
XYZ	45.1504, 45.4299, 33.5964
YIQ	180.0660, 25.9970, -3.0830

Conversions

Conversions Part 2

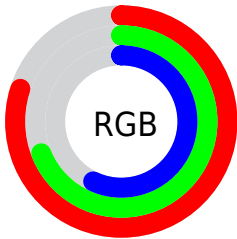
Format	Color
R_{YB}	201, 203, 146
Decimal	13348754
CIE _{Lab}	73.17, 5.76, 18.60
CIE _{LCh}	73, 19.473, 72.792
Yxy	45.4299, 0.3636, 0.3658
Android (android.graphics.Color)	4291538834 (0xFFCBAF92)
YUV	180.0660, -16.7945, 20.1131
Hunter-Lab	67.4017, 1.6190, 17.6281

Details

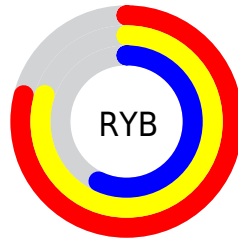
The YIQ color $180.0660, 25.9970, -3.0830$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $168.9340, -25.9970, 3.0830$, and the grayscale version is $180.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $234.0550, 24.5300, -4.0300$, and $127.2830, 23.8880, -3.4080$ is the 20% darker color. If you saturate the color by 10%, you get $171.9160, 35.1670, -4.0730$, and if you desaturate by 10%, it is $188.2160, 16.8270, -2.0930$.

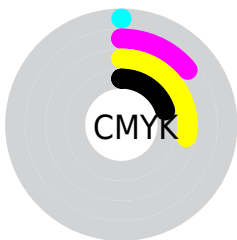
Distribution



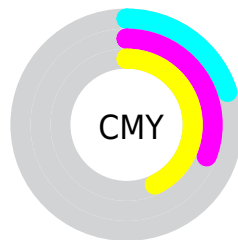
- Red (80%)
- Green (69%)
- Blue (57%)



- Red (79%)
- Yellow (80%)
- Blue (57%)



- Cyan (0%)
- Magenta (14%)
- Yellow (28%)
- Black (20%)





- Cyan (20%)
- Magenta (31%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 180.0660, 25.9970, -3.0830 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 180.0660, 25.9970, -3.0830 by changing the saturation by 10% instead.


 180.0660, 25.9970,
-3.0830


 180.0660, 25.9970,
-3.0830


255.0000, -0.0000,
-0.0000


 152.8810, 25.0800,
-2.9840


 234.0550, 24.5300,
-4.0300


 127.2830, 23.8880,
-3.4080

 251.9220, 8.6670,
-8.3970

 102.2120, 22.6500,
-2.9980

 77.7280, 21.1370,
-3.1110

 54.5430, 20.2200,
-3.0120

 32.4890, 20.3120,
-4.6800

 11.5840, 12.9750,

1.6390

■ 0.0000, 0.0000,
0.0000

■ 180.0660, 25.9970,
-3.0830

■ 180.0660, 25.9970,
-3.0830

■ 171.9160, 35.1670,
-4.0730

■ 188.2160, 16.8270,
-2.0930

■ 163.6520, 44.6580,
-5.3740

■ 196.4800, 7.3360,
-0.7920

■ 155.5020, 53.8280,
-6.3640

■ 204.6300, -1.8340,
0.1980

■ 147.3520, 62.9980,
-7.3540

■ 212.7800,
-11.0040, 1.1880

■ 139.2020, 72.1680,
-8.3440

■ 221.0440,
-20.4950, 2.4890

■ 130.9380, 81.6590,
-9.6450

■ 227.7120,
-25.4920, -0.5640

■ 122.7880, 90.8290,
-10.6350

■ 233.5820,
-28.2420, -5.7940

■ 121.1580, 92.6630,
-10.8330

■ 239.4520,
-30.9920, -11.0240

Harmonies

Analogous

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



181.5600, 30.7180, 4.9740



180.0660, 25.9970, -3.0830



178.3910, 14.5360, -10.1360

Triad

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



180.0660, 25.9970, -3.0830



172.6150, -33.0090, -13.0170



182.4430, 0.7310, 14.2910

Complementary

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



180.0660, 25.9970, -3.0830



168.9340, -25.9970, 3.0830

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.



180.0000, -17.1950, 8.7650



180.0660, 25.9970, -3.0830



173.2650, -37.5950, -6.9950

Square

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



180.0660, 25.9970, -3.0830



173.8630, -19.2080, -15.3360



176.2430, -31.3610, 1.1750



182.8810, 17.0530, 15.8450

Rectangle

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



180.0660, 25.9970, -3.0830



176.4220, 4.0830, -13.4290



176.2430, -31.3610, 1.1750



181.9800, -5.2750, 13.0050

Sweetspot

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



180.0660, 25.9970, -3.0830



246.8500, 9.1700, -0.9900



166.3490, 24.6630, 21.1030



122.4090, 6.0980, -0.3820



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.



180.0660, 25.9970, -3.0830



219.8410, 39.7520, -4.5680



196.5020, 18.2970, -17.7270



97.9250, 4.5850, -0.4950



98.9420, 75.8360, -8.7400



22.5150, 17.4230, -1.8810

Inverse Universe

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



168.9340, -25.9970, 3.0830



203.1590, -39.7520, 4.5680



152.4980, -18.2970, 17.7270



96.0750, -4.5850, 0.4950



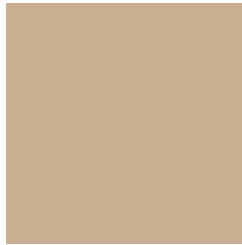
67.0580, -75.8360, 8.7400



15.4850, -17.4230, 1.8810

Previews

White Background



This preview shows how the YIQ color 180.0660, 25.9970, -3.0830 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 180.0660, 25.9970, -3.0830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

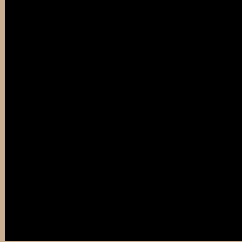
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 180.0660, 25.9970, -3.0830

Background



This preview shows how black text looks on a background with the YIQ color 180.0660, 25.9970, -3.0830.



This preview shows how white text looks on a background with the YIQ color 180.0660, 25.9970,

-3.0830.

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

180.0660, 25.9970, -3.0830

Protanopia

178.7550, 16.5070, -7.3090

Deuteranopia

180.6860, 30.1230, -0.7650



Tritanopia

182.5450, 17.8790, 11.8870

Trichromacy



Original Color

180.0660, 25.9970, -3.0830

Protanomaly

179.5490, 20.0830, -6.0370

Deuteranomaly

180.6750, 28.6560, -1.7120

Tritanomaly

181.9380, 20.9060, 6.5860

Monochromacy



Original Color

180.0660, 25.9970, -3.0830

Achromatopsia

180.0000, -0.0000, -0.0000

Achromatomaly

179.8500, 9.1700, -0.9900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.0660, 25.9970, -3.0830 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(203, 175, 146)` looks like.

```
.text, #text, p{  
    color:rgb(203, 175, 146)  
}
```

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(203, 175, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 175, 146) }
```

Border

The CSS property to change the border of an element to YIQ 180.0660, 25.9970, -3.0830 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(203, 175, 146) }
```


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

```
.border{ border-color:rgb(203, 175, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 175, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 175, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 175, 146);  
box-shadow:4px 4px 4px 4px rgb(203, 175,  
146) }
```

Background

The CSS property to change the background color of an element to YIQ 180.0660, 25.9970, -3.0830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 175, 146) }
```

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

```
.background{ background-color: rgb(203,  
175, 146) }
```

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