

Converting Colors

YIQ(200.3130, 15.1760, 0.2960)

Have a look what the booklet for
YIQ(200.3130, 15.1760, 0.2960)
contains.

YIQ(200.3130, 15.1760, 0.2960)	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(200.3130, 15.1760,
0.2960)**

Conversions

Conversions Part 1

Format	Color
Hex	D7C4B8
RGB	215, 196, 184
RGB Percent	84%, 77%, 72%
CMY	0.1568, 0.2314, 0.2784
CMYK	0.00, 0.09, 0.14, 0.16
HSL	23°, 28%, 78%
HSV	23°, 14%, 84%
XYZ	56.4189, 57.3862, 53.4602
YIQ	200.3130, 15.1760, 0.2960

Conversions

Conversions Part 2

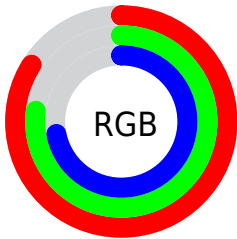
Format	Color
R _Y B	215, 204, 184
Decimal	14140600
CIE Lab	80.40, 4.71, 8.42
CIE LCh	80, 9.647, 60.791
Yxy	57.3862, 0.3373, 0.3431
Android (android.graphics.Color)	4292330680 (0xFFD7C4B8)
YUV	200.3130, -8.0423, 12.8805
Hunter-Lab	75.7537, 0.3720, 11.1860

Details

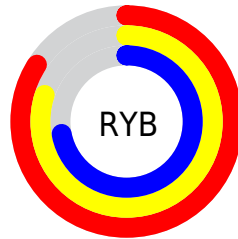
The YIQ color $200.3130, 15.1760, 0.2960$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $198.6870, -15.1760, -0.2960$, and the grayscale version is $200.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $252.1160, 5.3650, -3.6190$, and $146.1280, 14.2590, 0.3950$ is the 20% darker color. If you saturate the color by 10%, you get $190.2880, 25.4920, 0.5640$, and if you desaturate by 10%, it is $210.4520, 4.5390, 0.3390$.

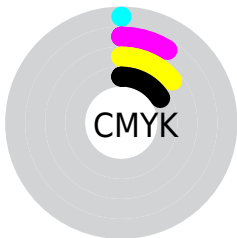
Distribution



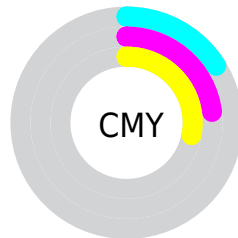
- Red (84%)
- Green (77%)
- Blue (72%)



- Red (84%)
- Yellow (80%)
- Blue (72%)



- Cyan (0%)
- Magenta (9%)
- Yellow (14%)
- Black (16%)





- Cyan (16%)
- Magenta (23%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 200.3130, 15.1760, 0.2960 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 200.3130, 15.1760, 0.2960 by changing the saturation by 10% instead.


 200.3130, 15.1760,
0.2960


 200.3130, 15.1760,
0.2960


255.0000, -0.0000,
-0.0000


 173.0140, 14.5800,
0.0840


 252.1160, 5.3650,
-3.6190

 146.1280, 14.2590,
0.3950

 120.8290, 13.6630,
0.1830

 95.6440, 12.7460,
0.2820

 72.3450, 12.1500,
0.0700

 49.1600, 11.2330,
0.1690

 28.4480, 10.3620,

-0.5660

■ 4.1860, 8.3440,
2.9680

■ 0.0000, 0.0000,
0.0000

■ 200.3130, 15.1760,
0.2960

■ 200.3130, 15.1760,
0.2960

■ 190.2880, 25.4920,
0.5640

■ 210.4520, 4.5390,
0.3390

■ 180.1490, 36.1290,
0.5210

■ 220.4770, -5.7770,
0.0710

■ 169.5370, 46.7200,
1.3120

■ 231.2030,
-16.6890, -0.4090

■ 159.3980, 57.3570,
1.2690

■ 239.5180,
-22.1900, -5.3420

■ 149.3730, 67.6730,
1.5370

■ 243.0400,
-23.8400, -8.4800

■ 139.2340, 78.3100,
1.4940

■ 129.2090, 88.6260,
1.7620

■ 118.4830, 99.5380,
2.2420

■ 113.0060,
105.3150, 2.1710

Harmonies

Analogous

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



201.1330, 15.8630, 4.3670



200.3130, 15.1760, 0.2960



199.4540, 10.2250, -3.5910

Triad

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



200.3130, 15.1760, 0.2960



196.5420, -13.5700, -7.3780



200.5470, -2.7980, 6.6580

Complementary

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



200.3130, 15.1760, 0.2960



198.6870, -15.1760, -0.2960

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.



199.2470, -10.8210, 3.3790



200.3130, 15.1760, 0.2960



196.9700, -17.6510, -5.0030

Square

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



200.3130, 15.1760, 0.2960



197.3210, -5.6380, -7.9580



197.7900, -16.9640, -0.9320



201.5650, 5.9590, 7.6470

Rectangle

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



200.3130, 15.1760, 0.2960



198.6490, 5.1820, -5.8100



197.7900, -16.9640, -0.9320



200.0520, -5.7780, 5.5980

Sweetspot

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



200.3130, 15.1760, 0.2960



250.3380, 4.8600, 0.0280



195.4350, 12.3770, 12.4810



124.8540, 3.3470, -0.0850



0.0000, 0.0000, 0.0000



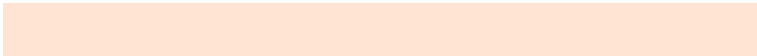
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



200.3130, 15.1760, 0.2960



234.2490, 21.2280, 0.7480



209.1180, 11.0510, -7.5490



102.2240, 5.1810, -0.2830



89.8710, 83.7660, 1.7340



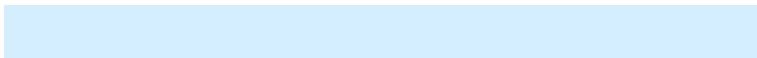
22.8360, 20.9530, 0.2250

Inverse Universe

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



198.6870, -15.1760, -0.2960



232.1640, -20.9530, -0.2250



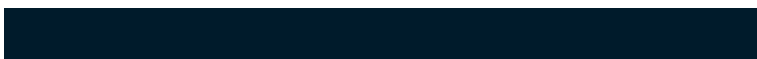
189.8820, -11.0510, 7.5490



101.3630, -5.4560, -0.2400



81.1290, -83.7660, -1.7340



20.7510, -21.2280, -0.7480

Previews

White Background



This preview shows how the YIQ color 200.3130, 15.1760, 0.2960 looks on a white background.

Color Contrast Check

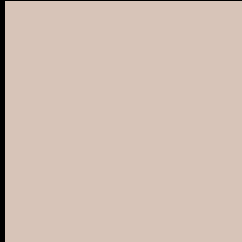
Large Text (above 18pt) WCAG AA × Fail

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 200.3130, 15.1760, 0.2960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

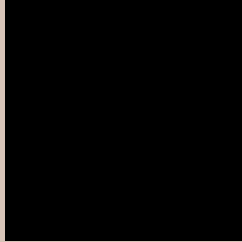
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 200.3130, 15.1760, 0.2960

Background



This preview shows how black text looks on a background with the YIQ color 200.3130, 15.1760, 0.2960.



This preview shows how white text looks on a background with the YIQ color 200.3130, 15.1760,

0.2960.

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

200.3130, 15.1760, 0.2960

Protanopia

199.6110, 8.3450, -2.5590

Deuteranopia

201.3570, 21.0440, 4.0840



Tritanopia

201.5980, 10.3600, 10.4880

Trichromacy



Original Color

200.3130, 15.1760, 0.2960

Protanomaly

199.8070, 10.7290, -1.7110

Deuteranomaly

201.0470, 18.9810, 2.9250

Tritanomaly

200.8600, 12.3780, 6.9540

Monochromacy



Original Color

200.3130, 15.1760, 0.2960

Achromatopsia

200.0000, -0.0000, -0.0000

Achromatomaly

200.2240, 5.1810, -0.2830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.3130, 15.1760, 0.2960 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, 196, 184)` looks like.

```
.text, #text, p{  
    color:rgb(215, 196, 184)  
}
```

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, 196, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 196, 184) }
```

Border

The CSS property to change the border of an element to YIQ 200.3130, 15.1760, 0.2960 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, 196, 184) }
```


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

```
.border{ border-color:rgb(215, 196, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 196, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 196, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 196, 184);  
box-shadow:4px 4px 4px 4px rgb(215, 196,  
184) }
```

Background

The CSS property to change the background color of an element to YIQ 200.3130, 15.1760, 0.2960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 196, 184) }
```

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

```
.background{ background-color: rgb(215,  
196, 184) }
```

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