

Converting Colors

YIQ(201.6770, 25.1740,
-15.7060)

Have a look what the booklet for
YIQ(201.6770, 25.1740, -15.7060)
contains.

YIQ(201.6770, 25.1740, -15.7060)	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(201.6770, 25.1740,
-15.7060)**

Conversions

Conversions Part 1

Format	Color
Hex	D8CD93
RGB	216, 205, 147
RGB Percent	85%, 80%, 58%
CMY	0.1530, 0.1961, 0.4234
CMYK	0.00, 0.05, 0.32, 0.15
HSL	50°, 47%, 71%
HSV	50°, 32%, 85%
XYZ	55.4177, 60.3666, 36.3501
YIQ	201.6770, 25.1740, -15.7060

Conversions

Conversions Part 2

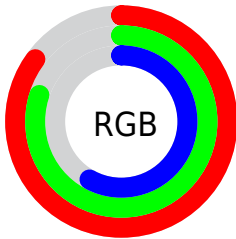
Format	Color
R _{YB}	160, 216, 147
Decimal	14208403
CIE Lab	82.04, -4.87, 30.29
CIE LCh	82, 30.675, 99.126
Yxy	60.3666, 0.3643, 0.3968
Android (android.graphics.Color)	4292398483 (0xFFD8CD93)
YUV	201.6770, -26.9558, 12.5613
Hunter-Lab	77.6960, -8.6504, 26.6484

Details

The YIQ color $201.6770, 25.1740, -15.7060$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $161.3230, -25.1740, 15.7060$, and the grayscale version is $202.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $248.8440, 17.3340, -16.7940$, and $147.4210, 23.0190, -15.1970$ is the 20% darker color. If you saturate the color by 10%, you get $197.4080, 33.0610, -20.9790$, and if you desaturate by 10%, it is $205.9460, 17.2870, -10.4330$.

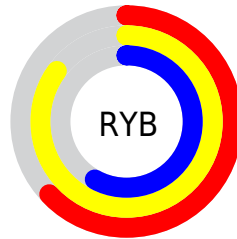
Distribution



Red (85%)

Green (80%)

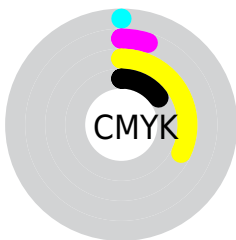
Blue (58%)



Red (63%)

Yellow (85%)

Blue (58%)

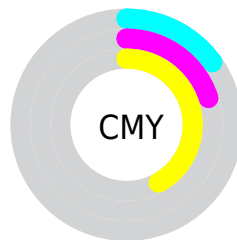


Cyan (0%)

Magenta (5%)

Yellow (32%)

Black (15%)



Cyan (15%)

Magenta (20%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 201.6770, 25.1740, -15.7060 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 201.6770, 25.1740, -15.7060 by changing the saturation by 10% instead.

■ 201.6770, 25.1740,
-15.7060

■ 201.6770, 25.1740,
-15.7060

255.0000, -0.0000,
-0.0000

■ 174.4920, 24.2570,
-15.6070

■ 248.8440, 17.3340,
-16.7940

■ 147.4210, 23.0190,
-15.1970

■ 252.1500, 8.0250,
-7.7750

■ 121.2360, 22.1020,
-15.0980

■ 96.1650, 20.8640,
-14.6880

■ 71.9800, 19.9470,
-14.5890

■ 49.1540, 19.3970,
-15.6350

■ 29.8360, 11.7850,

-9.8390

■ 6.4570, -3.0250,
-5.7530

■ 0.0000, 0.0000,
0.0000

■ 201.6770, 25.1740,
-15.7060

■ 201.6770, 25.1740,
-15.7060

■ 197.4080, 33.0610,
-20.9790

■ 205.9460, 17.2870,
-10.4330

■ 192.6660, 40.9020,
-25.4180

■ 210.6880, 9.4460,
-5.9940

■ 188.3970, 48.7890,
-30.6910

■ 214.9570, 1.5590,
-0.7210

■ 183.6550, 56.6300,
-35.1300

■ 219.6990, -6.2820,
3.7180

■ 179.3860, 64.5170,
-40.4030

■ 223.9680,
-14.1690, 8.9910

■ 174.5300, 72.6790,
-45.1530

■ 226.3160,
-15.2690, 6.8990

■ 171.4180, 78.6860,
-49.3940

■ 228.0770,
-16.0940, 5.3300

■ 230.4250,
-17.1940, 3.2380

■ 232.1860,
-18.0190, 1.6690

Harmonies

Analogous

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



204.0370, 42.1360, -3.7200



201.6770, 25.1740, -15.7060



198.1730, 0.0500, -22.9420

Triad

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



201.6770, 25.1740, -15.7060



190.4940, -66.3410, -14.6690



208.9840, 24.4330, 25.2730

Complementary

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



201.6770, 25.1740, -15.7060



161.3230, -25.1740, 15.7060

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.



208.0440, -2.1590, 22.6170



201.6770, 25.1740, -15.7060



196.2600, -56.3940, -2.2020

Square

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



201.6770, 25.1740, -15.7060



190.3840, -54.6480, -22.8400



202.6380, -30.6750, 10.7730



206.0100, 38.7390, 19.3070

Rectangle

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



201.6770, 25.1740, -15.7060



195.6530, -18.9770, -25.0330



202.6380, -30.6750, 10.7730



208.7920, 16.2260, 25.3300

Sweetspot

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



201.6770, 25.1740, -15.7060



249.8020, 9.1250, -5.6830



168.9990, 37.2720, 18.3600



124.4150, 5.9610, -3.4070



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.



201.6770, 25.1740, -15.7060



235.1370, 35.2620, -22.3220



201.2570, 8.4410, -26.3350



104.5720, 4.0810, -2.3750



135.6570, 62.3160, -39.0600



33.9890, 15.7280, -9.7120

Inverse Universe

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



161.3230, -25.1740, 15.7060



178.4500, -35.5370, 21.7990



161.7430, -8.4410, 26.3350



98.4280, -4.0810, 2.3750



35.3430, -62.3160, 39.0600



9.0110, -15.7280, 9.7120

Previews

White Background



This preview shows how the YIQ color 201.6770, 25.1740, -15.7060 looks on a white background.

Color Contrast Check

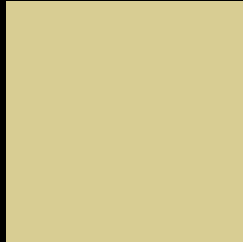
Large Text (above 18pt) WCAG AA × Fail

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 201.6770, 25.1740, -15.7060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

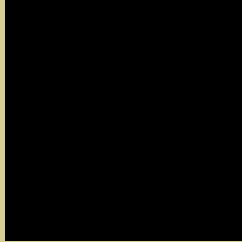
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

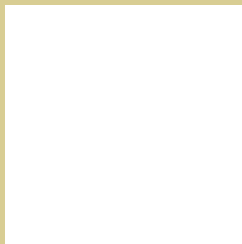
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 201.6770, 25.1740, -15.7060

Background



This preview shows how black text looks on a background with the YIQ color 201.6770, 25.1740, -15.7060.



This preview shows how white text looks on a background with the YIQ color 201.6770, 25.1740,

-15.7060.

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

201.6770, 25.1740, -15.7060

Protanopia

202.2860, 27.8330, -14.3350

Deuteranopia

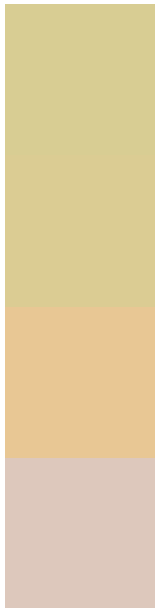
203.5100, 42.1820, -4.5540



Tritanopia

206.7830, 11.2770, 10.3890

Trichromacy



Original Color

201.6770, 25.1740, -15.7060

Protanomaly

201.9870, 27.2370, -14.5470

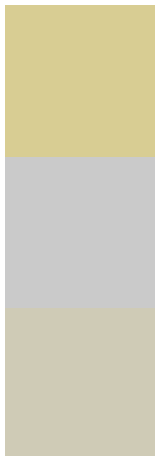
Deuteranomaly

203.0530, 36.0390, -8.8650

Tritanomaly

204.9110, 16.3680, 0.7200

Monochromacy



Original Color

201.6770, 25.1740, -15.7060

Achromatopsia

202.0000, -0.0000, 0.0000

Achromatomaly

201.8020, 9.1250, -5.6830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.6770, 25.1740, -15.7060 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(216, 205, 147)` looks like.

```
.text, #text, p{  
    color:rgb(216, 205, 147)  
}
```

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(216, 205, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 205, 147) }
```

Border

The CSS property to change the border of an element to YIQ 201.6770, 25.1740, -15.7060 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(216, 205, 147) }
```


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

```
.border{ border-color:rgb(216, 205, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 205, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 205, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 205, 147);  
box-shadow:4px 4px 4px 4px rgb(216, 205,  
147) }
```

Background

The CSS property to change the background color of an element to YIQ 201.6770, 25.1740, -15.7060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 205, 147) }
```

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

```
.background{ background-color: rgb(216,  
205, 147) }
```

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