

Converting Colors

YIQ(201.0330, 12.4280,
-15.9880)

Have a look what the booklet for
YIQ(201.0330, 12.4280, -15.9880)
contains.

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Color

**YIQ(201.0330, 12.4280,
-15.9880)**

Conversions

Conversions Part 1

Format	Color
Hex	CBD0A0
RGB	203, 208, 160
RGB Percent	80%, 82%, 63%
CMY	0.2040, 0.1843, 0.3725
CMYK	0.02, 0.00, 0.23, 0.18
HSL	66°, 34%, 72%
HSV	66°, 23%, 82%
XYZ	53.5292, 60.3466, 42.0946
YIQ	201.0330, 12.4280, -15.9880

Conversions

Conversions Part 2

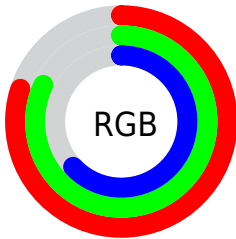
Format	Color
RYB	160, 208, 165
Decimal	13357216
CIELab	82.03, -9.62, 23.31
CIELCh	82, 25.219, 112.419
Yxy	60.3466, 0.3432, 0.3869
Android (android.graphics.Color)	4291547296 (0xFFCBD0A0)
YUV	201.0330, -20.2293, 1.7251
Hunter-Lab	77.6831, -12.9461, 22.2503

Details

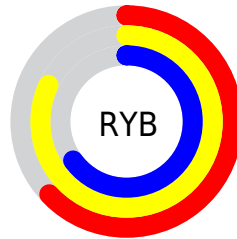
The YIQ color **201.0330, 12.4280, -15.9880** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **166.9670, -12.4280, 15.9880**, and the grayscale version is **201.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **250.4400, 12.8400, -12.4400**, and **146.9620, 11.1900, -15.5780** is the 20% darker color. If you saturate the color by 10%, you get **198.0410, 17.9770, -22.9430**, and if you desaturate by 10%, it is **204.0250, 6.8790, -9.0330**.

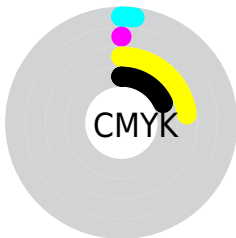
Distribution



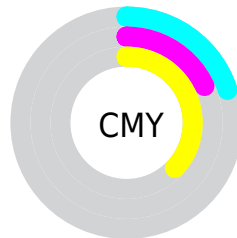
- Red (80%)
- Green (82%)
- Blue (63%)



- Red (63%)
- Yellow (82%)
- Blue (65%)



- Cyan (2%)
- Magenta (0%)
- Yellow (23%)
- Black (18%)



- Cyan (20%)
- Magenta (18%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 201.0330, 12.4280, -15.9880 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 201.0330, 12.4280, -15.9880 by changing the saturation by 10% instead.

■ 201.0330, 12.4280,
-15.9880

■ 201.0330, 12.4280,
-15.9880

255.0000, -0.0000,
-0.0000

■ 173.2610, 11.7860,
-15.3660

■ 250.4400, 12.8400,
-12.4400

■ 146.9620, 11.1900,
-15.5780

■ 253.6320, 3.8520,
-3.7320

■ 121.1900, 10.5480,
-14.9560

■ 96.3040, 10.2270,
-14.6450

■ 72.5320, 9.5850,
-14.0230

■ 49.3470, 8.6680,
-13.9240

■ 28.6290, 7.9340,

-11.6340

■ 8.2180, -3.8500,
-7.3220

■ 0.0000, 0.0000,
0.0000

■ 201.0330, 12.4280,
-15.9880

■ 201.0330, 12.4280,
-15.9880

■ 198.0410, 17.9770,
-22.9430

■ 204.0250, 6.8790,
-9.0330

■ 195.0490, 23.5260,
-29.8980

■ 207.0170, 1.3300,
-2.0780

■ 191.8720, 28.1580,
-36.7540

■ 210.1940, -3.3020,
4.7780

■ 188.8800, 33.7070,
-43.7090

■ 213.1860, -8.8510,
11.7330

■ 185.8880, 39.2560,
-50.6640

■ 215.1520,
-11.5110, 15.8890

■ 182.8960, 44.8050,
-57.6190

■ 215.7500,
-10.3190, 16.3130

■ 179.9040, 50.3540,
-64.5740

■ 216.3480, -9.1270,
16.7370

■ 177.7100, 53.6560,
-69.3520

■ 216.9460, -7.9350,
17.1610

■ 217.8430, -6.1470,
17.7970

Harmonies

Analogous

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



203.4700, 30.4910, -7.4370



201.0330, 12.4280, -15.9880



198.1920, -10.1290, -20.1850

Triad

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



201.0330, 12.4280, -15.9880



196.1480, -50.3870, -6.4430



208.2630, 27.7810, 19.6610

Complementary

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



201.0330, 12.4280, -15.9880



166.9670, -12.4280, 15.9880

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.



207.7370, 8.8910, 20.5950



201.0330, 12.4280, -15.9880



200.8280, -37.3220, 4.5820

Square

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



201.0330, 12.4280, -15.9880



193.8350, -48.3680, -15.5040



205.4720, -15.4080, 14.9280



207.3210, 39.0610, 13.4690

Rectangle

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



201.0330, 12.4280, -15.9880



195.8790, -25.3050, -20.4810



205.4720, -15.4080, 14.9280



208.5660, 22.5540, 20.7780

Sweetspot

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



201.0330, 12.4280, -15.9880



252.3500, 4.5860, -6.0220



177.2870, 27.2330, 7.5610



126.1480, 2.3390, -3.8450



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.



201.0330, 12.4280, -15.9880



244.8130, 18.6190, -23.5650



193.8570, -1.8760, -21.0760



103.1480, 2.3390, -3.8450



143.7650, 43.7960, -55.8520



35.1300, 10.7770, -13.5990

Inverse Universe

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



166.9670, -12.4280, 15.9880



194.1870, -18.6190, 23.5650



174.1430, 1.8760, 21.0760



95.5530, -2.9350, 3.6330



24.5340, -43.2000, 56.0640



5.8700, -10.7770, 13.5990

Previews

White Background



This preview shows how the YIQ color 201.0330, 12.4280, -15.9880 looks on a white background.

Color Contrast Check

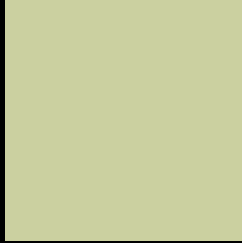
Large Text (above 18pt) WCAG AA × Fail

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 201.0330, 12.4280, -15.9880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

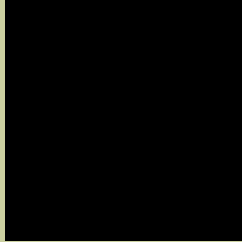
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 201.0330, 12.4280, -15.9880

Background



This preview shows how black text looks on a background with the YIQ color 201.0330, 12.4280, -15.9880.



This preview shows how white text looks on a background with the YIQ color 201.0330, 12.4280,

-15.9880.

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

201.0330, 12.4280, -15.9880

Protanopia

202.6430, 22.5140, -11.5500

Deuteranopia

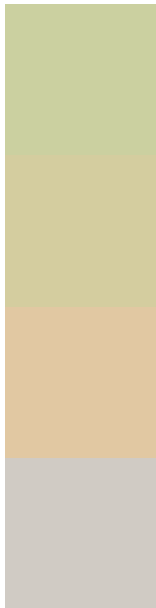
204.7960, 35.6250, -1.3590



Tritanopia

205.1130, 1.4200, 7.3080

Trichromacy



Original Color

201.0330, 12.4280, -15.9880

Protanomaly

201.8490, 18.9380, -12.8220

Deuteranomaly

203.1430, 27.0980, -6.5180

Tritanomaly

203.6970, 5.2270, -1.1170

Monochromacy



Original Color

201.0330, 12.4280, -15.9880

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

201.3500, 4.5860, -6.0220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.0330, 12.4280, -15.9880 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, 208, 160)` looks like.

```
.text, #text, p{  
    color:rgb(203, 208, 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(203, 208, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 208, 160) }
```

Border

The CSS property to change the border of an element to YIQ 201.0330, 12.4280, -15.9880 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, 208, 160) }
```


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

```
.border{ border-color:rgb(203, 208, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 208, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 208, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 208, 160);  
box-shadow:4px 4px 4px 4px rgb(203, 208,  
160) }
```

Background

The CSS property to change the background color of an element to YIQ 201.0330, 12.4280, -15.9880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 208, 160) }
```

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

```
.background{ background-color: rgb(203,  
208, 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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