

Converting Colors

YIQ(200.8420, 20.8160, -2.8000)

Have a look what the booklet for
YIQ(200.8420, 20.8160, -2.8000)
contains.

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Color

**YIQ(200.8420, 20.8160,
-2.8000)**

Conversions

Conversions Part 1

Format	Color
Hex	DBC5AD
RGB	219, 197, 173
RGB Percent	86%, 77%, 68%
CMY	0.1411, 0.2275, 0.3215
CMYK	0.00, 0.10, 0.21, 0.14
HSL	31°, 39%, 77%
HSV	31°, 21%, 86%
XYZ	56.7257, 58.0080, 47.7551
YIQ	200.8420, 20.8160, -2.8000

Conversions

Conversions Part 2

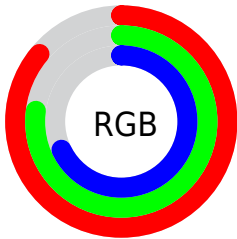
Format	Color
R _Y B	215, 219, 173
Decimal	14402989
CIE Lab	80.74, 3.97, 14.84
CIE LCh	81, 15.366, 75.016
Yxy	58.0080, 0.3491, 0.3570
Android (android.graphics.Color)	4292593069 (0xFFDBC5AD)
YUV	200.8420, -13.7261, 15.9246
Hunter-Lab	76.1630, -0.3393, 16.1385

Details

The YIQ color $200.8420, 20.8160, -2.8000$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $191.1580, -20.8160, 2.8000$, and the grayscale version is $201.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $251.3350, 8.9420, -7.8740$, and $146.7710, 19.5780, -2.3900$ is the 20% darker color. If you saturate the color by 10%, you get $192.4640, 30.6280, -4.4120$, and if you desaturate by 10%, it is $209.2200, 11.0040, -1.1880$.

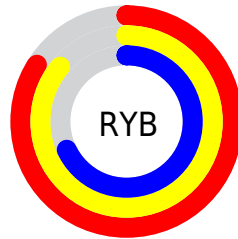
Distribution



Red (86%)

Green (77%)

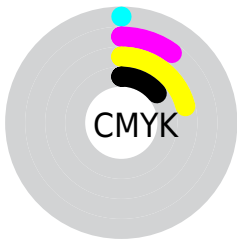
Blue (68%)



Red (84%)

Yellow (86%)

Blue (68%)

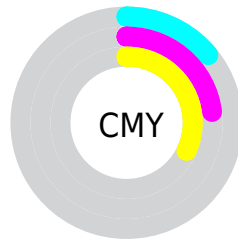


Cyan (0%)

Magenta (10%)

Yellow (21%)

Black (14%)



Cyan (14%)


Magenta (23%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 200.8420, 20.8160, -2.8000 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 200.8420, 20.8160, -2.8000 by changing the saturation by 10% instead.


 200.8420, 20.8160,
-2.8000


 200.8420, 20.8160,
-2.8000


255.0000, -0.0000,
-0.0000


 173.5430, 20.2200,
-3.0120


 251.3350, 8.9420,
-7.8740

 146.7710, 19.5780,
-2.3900

 121.1730, 18.3860,
-2.8140

 95.9880, 17.4690,
-2.7150

 72.3900, 16.2770,
-3.1390

 49.3190, 15.0390,
-2.7290

 27.5640, 15.7270,

-4.1850

■ 4.1860, 8.3440,
2.9680

■ 0.0000, 0.0000,
0.0000

■ 200.8420, 20.8160,
-2.8000

■ 200.8420, 20.8160,
-2.8000

■ 192.4640, 30.6280,
-4.4120

■ 209.2200, 11.0040,
-1.1880

■ 183.4990, 40.7150,
-5.5010

■ 218.1850, 0.9170,
-0.0990

■ 175.1210, 50.5270,
-7.1130

■ 226.5630, -8.8950,
1.5130

■ 166.1560, 60.6140,
-8.2020

■ 234.8440,
-17.0560, 0.7360

■ 157.8920, 70.1050,
-9.5030

■ 240.7140,
-19.8060, -4.4940

■ 148.9270, 80.1920,
-10.5920

■ 244.2360,
-21.4560, -7.6320

■ 140.5490, 90.0040,
-12.2040

■ 132.3990, 99.1740,
-13.1940

Harmonies

Analogous

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



202.3960, 25.3080, 3.9000



200.8420, 20.8160, -2.8000



199.2920, 10.5010, -8.5950

Triad

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



200.8420, 20.8160, -2.8000



195.3170, -26.1780, -10.1620



203.0470, 1.7860, 11.6900

Complementary

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



200.8420, 20.8160, -2.8000



191.1580, -20.8160, 2.8000

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.



200.8110, -12.2890, 7.9590



200.8420, 20.8160, -2.8000



195.9240, -29.2050, -4.8610

Square

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



200.8420, 20.8160, -2.8000



195.8250, -16.0450, -12.0850



198.6630, -23.7960, 1.7400



203.1040, 14.8070, 12.4950

Rectangle

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



200.8420, 20.8160, -2.8000



198.2200, 1.8360, -11.2520



198.6630, -23.7960, 1.7400



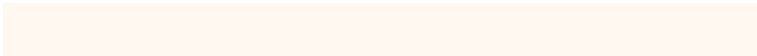
202.1820, -3.0280, 10.8280

Sweetspot

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



200.8420, 20.8160, -2.8000



249.1810, 6.7400, -1.0040



189.2620, 20.3540, 16.5940



124.0390, 4.2640, -0.1840



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.



200.8420, 20.8160, -2.8000



229.5070, 29.0690, -3.6910



213.4570, 14.1700, -14.5180



105.2240, 5.1810, -0.2830



104.5570, 78.3580, -10.3940



27.8420, 20.8160, -2.8000

Inverse Universe

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



191.1580, -20.8160, 2.8000



216.4930, -29.0690, 3.6910



178.5430, -14.1700, 14.5180



103.1890, -4.9060, 0.8060



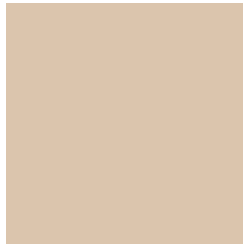
68.4430, -78.3580, 10.3940



18.1580, -20.8160, 2.8000

Previews

White Background



This preview shows how the YIQ color 200.8420, 20.8160, -2.8000 looks on a white background.

Color Contrast Check

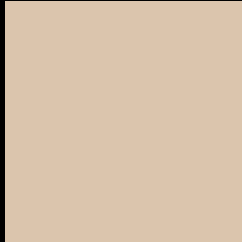
Large Text (above 18pt) WCAG AA × Fail

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 200.8420, 20.8160, -2.8000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

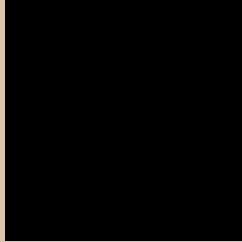
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 200.8420, 20.8160, -2.8000

Background



This preview shows how black text looks on a background with the YIQ color 200.8420, 20.8160, -2.8000.



This preview shows how white text looks on a background with the YIQ color 200.8420, 20.8160,

-2.8000.

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

200.8420, 20.8160, -2.8000

Protanopia

200.1400, 13.9850, -5.6550

Deuteranopia

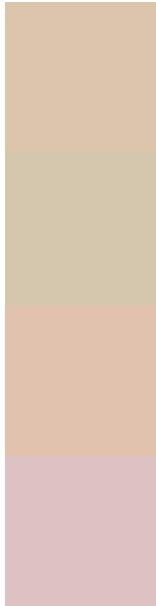
201.5980, 27.5550, 1.7230



Tritanopia

202.9790, 13.6610, 11.2370

Trichromacy



Original Color

200.8420, 20.8160, -2.8000

Protanomaly

200.3360, 16.3690, -4.8070

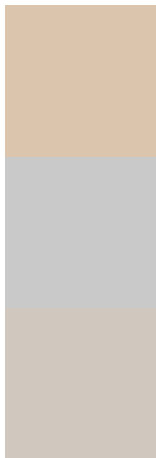
Deuteranomaly

200.9890, 24.8960, 0.3520

Tritanomaly

202.4860, 16.3670, 6.2470

Monochromacy



Original Color

200.8420, 20.8160, -2.8000

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

201.3660, 7.6570, -1.1030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.8420, 20.8160, -2.8000 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(219, 197, 173)` looks like.

```
.text, #text, p{  
    color:rgb(219, 197, 173)  
}
```

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(219, 197, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 197, 173) }
```

Border

The CSS property to change the border of an element to YIQ 200.8420, 20.8160, -2.8000 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(219, 197, 173) }
```


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

```
.border{ border-color:rgb(219, 197, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 197, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 197, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 197, 173);  
box-shadow:4px 4px 4px 4px rgb(219, 197,  
173) }
```

Background

The CSS property to change the background color of an element to YIQ 200.8420, 20.8160, -2.8000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 197, 173) }
```

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

```
.background{ background-color: rgb(219,  
197, 173) }
```

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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