

Converting Colors

YIQ(199.9900, 23.1550, -6.6450)

Have a look what the booklet for
YIQ(199.9900, 23.1550, -6.6450)
contains.

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Color

**YIQ(199.9900, 23.1550,
-6.6450)**

Conversions

Conversions Part 1

Format	Color
Hex	DAC6A3
RGB	218, 198, 163
RGB Percent	85%, 78%, 64%
CMY	0.1451, 0.2235, 0.3607
CMYK	0.00, 0.09, 0.25, 0.15
HSL	38°, 43%, 75%
HSV	38°, 25%, 85%
XYZ	55.7211, 57.9362, 42.9106
YIQ	199.9900, 23.1550, -6.6450

Conversions

Conversions Part 2

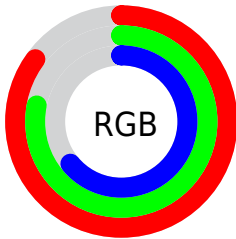
Format	Color
RYB	194, 218, 163
Decimal	14337699
CIELab	80.70, 1.65, 20.10
CIELCh	81, 20.164, 85.320
Yxy	57.9362, 0.3559, 0.3700
Android (android.graphics.Color)	4292527779 (0xFFDAC6A3)
YUV	199.9900, -18.2361, 15.7948
Hunter-Lab	76.1158, -2.5304, 19.8561

Details

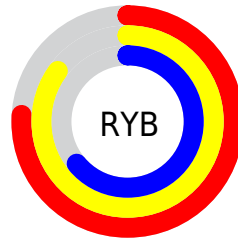
The YIQ color **199.9900, 23.1550, -6.6450** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **181.0100, -23.1550, 6.6450**, and the grayscale version is **200.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **250.7820, 11.8770, -11.5070**, and **145.6200, 21.3210, -6.4470** is the 20% darker color. If you saturate the color by 10%, you get **192.7860, 32.4170, -9.3030**, and if you desaturate by 10%, it is **207.1940, 13.8930, -3.9870**.

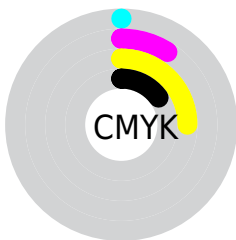
Distribution



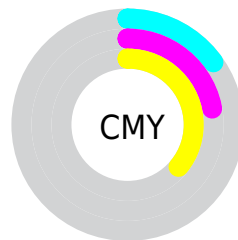
- Red (85%)
- Green (78%)
- Blue (64%)



- Red (76%)
- Yellow (85%)
- Blue (64%)



- Cyan (0%)
- Magenta (9%)
- Yellow (25%)
- Black (15%)





- Cyan (15%)
- Magenta (22%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 199.9900, 23.1550, -6.6450 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 199.9900, 23.1550, -6.6450 by changing the saturation by 10% instead.


 199.9900, 23.1550,
-6.6450


 199.9900, 23.1550,
-6.6450


255.0000, -0.0000,
-0.0000


 172.8050, 22.2380,
-6.5460


 250.7820, 11.8770,
-11.5070


 145.6200, 21.3210,
-6.4470

 254.0880, 2.5680,
-2.4880

 120.4350, 20.4040,
-6.3480

 95.2500, 19.4870,
-6.2490

 71.1790, 18.2490,
-5.8390

 48.6950, 16.7360,
-5.9520

 27.5100, 15.8190,

-5.8530

■ 2.9790, 4.4930,
1.1730

■ 0.0000, 0.0000,
0.0000

■ 199.9900, 23.1550,
-6.6450

■ 199.9900, 23.1550,
-6.6450

■ 192.7860, 32.4170,
-9.3030

■ 207.1940, 13.8930,
-3.9870

■ 185.5820, 41.6790,
-11.9610

■ 214.3980, 4.6310,
-1.3290

■ 178.4920, 50.6200,
-14.3080

■ 221.4880, -4.3100,
1.0180

■ 171.2880, 59.8820,
-16.9660

■ 228.6920,
-13.5720, 3.6760

■ 164.0840, 69.1440,
-19.6240

■ 233.9580,
-17.3770, 1.0470

■ 156.8800, 78.4060,
-22.2820

■ 238.6540,
-19.5770, -3.1370

■ 149.6760, 87.6680,
-24.9400

■ 243.3500,
-21.7770, -7.3210

■ 146.7750, 91.7030,
-26.4810

■ 243.9370,
-22.0520, -7.8440

Harmonies

Analogous

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



201.7510, 31.4980, 1.8500



199.9900, 23.1550, -6.6450



197.8740, 8.6220, -13.0900

Triad

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



199.9900, 23.1550, -6.6450



193.3310, -37.9610, -11.3770



203.8030, 8.5250, 16.2130

Complementary

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



199.9900, 23.1550, -6.6450



181.0100, -23.1550, 6.6450

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.



201.5280, -9.8140, 12.6660



199.9900, 23.1550, -6.6450



195.0740, -38.3750, -3.8710

Square

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



199.9900, 23.1550, -6.6450



193.5570, -27.0940, -15.5900



198.5040, -27.6020, 4.6380



203.5890, 23.7470, 15.6750

Rectangle

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



199.9900, 23.1550, -6.6450



195.9480, -3.3900, -15.6620



198.5040, -27.6020, 4.6380



202.8670, 2.4730, 15.7610

Sweetspot

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



199.9900, 23.1550, -6.6450



248.6110, 8.3450, -2.5590



181.7250, 26.3600, 17.8800



123.5830, 5.5480, -1.4280



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.



199.9900, 23.1550, -6.6450



229.9000, 32.0960, -8.9920



209.6370, 13.4830, -18.5890



106.3980, 4.6310, -1.3290



116.2970, 72.8580, -20.8540



30.7770, 19.4410, -5.4150

Inverse Universe

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



181.0100, -23.1550, 6.6450



203.5130, -31.8210, 9.5150



171.3630, -13.4830, 18.5890



102.6020, -4.6310, 1.3290



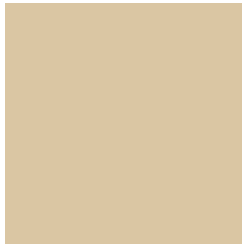
56.7030, -72.8580, 20.8540



15.2230, -19.4410, 5.4150

Previews

White Background



This preview shows how the YIQ color 199.9900, 23.1550, -6.6450 looks on a white background.

Color Contrast Check

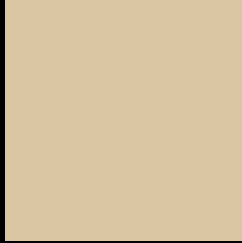
Large Text (above 18pt) WCAG AA × Fail

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 199.9900, 23.1550, -6.6450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

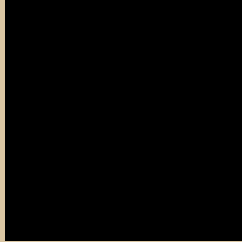
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 199.9900, 23.1550, -6.6450

Background



This preview shows how black text looks on a background with the YIQ color 199.9900, 23.1550, -6.6450.



This preview shows how white text looks on a background with the YIQ color 199.9900, 23.1550,

-6.6450.

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

199.9900, 23.1550, -6.6450

Protanopia

199.4840, 18.7080, -8.6520

Deuteranopia

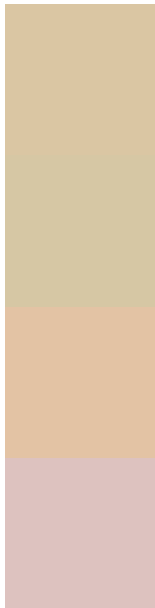
201.3550, 32.5530, -0.7510



Tritanopia

202.9790, 13.6610, 11.2370

Trichromacy



Original Color

199.9900, 23.1550, -6.6450

Protanomaly

199.4950, 20.1750, -7.7050

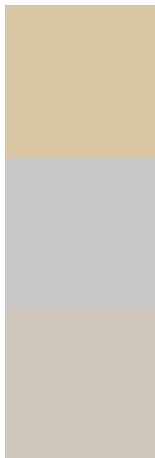
Deuteranomaly

201.0340, 29.0230, -2.8570

Tritanomaly

201.7310, 17.0550, 4.7910

Monochromacy



Original Color

199.9900, 23.1550, -6.6450

Achromatopsia

200.0000, -0.0000, -0.0000

Achromatomaly

200.0240, 8.6200, -2.0360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.9900, 23.1550, -6.6450 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(218, 198, 163)` looks like.

```
.text, #text, p{  
    color:rgb(218, 198, 163)  
}
```

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(218, 198, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 198, 163) }
```

Border

The CSS property to change the border of an element to YIQ 199.9900, 23.1550, -6.6450 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(218, 198, 163) }
```


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

```
.border{ border-color:rgb(218, 198, 163) }
```

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

Here you see how a box with a 4 pixel rgb(218, 198, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 198, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 198, 163);  
box-shadow:4px 4px 4px 4px rgb(218, 198,  
163) }
```

Background

The CSS property to change the background color of an element to YIQ 199.9900, 23.1550, -6.6450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 198, 163) }
```

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

```
.background{ background-color: rgb(218,  
198, 163) }
```

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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