

# Converting Colors

YIQ(200.0780, 25.7230, -9.1330)

Have a look what the booklet for  
YIQ(200.0780, 25.7230, -9.1330)  
contains.

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# Color

**YIQ(200.0780, 25.7230,  
-9.1330)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DBC79C
RGB	219, 199, 156
RGB Percent	86%, 78%, 61%
CMY	0.1412, 0.2196, 0.3881
CMYK	0.00, 0.09, 0.29, 0.14
HSL	41°, 47%, 74%
HSV	41°, 29%, 86%
XYZ	55.6402, 58.3053, 39.7893
YIQ	200.0780, 25.7230, -9.1330

# Conversions

## Conversions Part 2

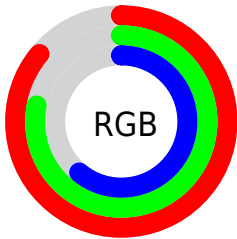
<b>Format</b>	<b>Color</b>
<b>RYB</b>	185, 219, 156
Decimal	14403484
CIELab	80.91, 0.56, 24.10
CIELCh	81, 24.102, 88.671
Yxy	58.3053, 0.3619, 0.3793
Android (android.graphics.Color)	4292593564 (0xFFDBC79C)
YUV	200.0780, -21.7305, 16.5946
Hunter-Lab	76.3579, -3.5577, 22.5551

# Details

The YIQ color  $200.0780, 25.7230, -9.1330$  is a light color, and the websafe version is hex  $CCCC99$ . A complement of this color would be  $174.9220, -25.7230, 9.1330$ , and the grayscale version is  $200.0000, -0.0000, -0.0000$ .

A 20% lighter version of the original color is  $249.9840, 14.1240, -13.6840$ , and  $145.7080, 23.8890, -8.9350$  is the 20% darker color. If you saturate the color by 10%, you get  $193.4610, 34.7100, -12.3140$ , and if you desaturate by 10%, it is  $206.6950, 16.7360, -5.9520$ .

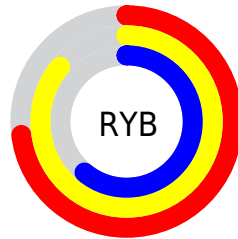
# Distribution



Red (86%)

Green (78%)

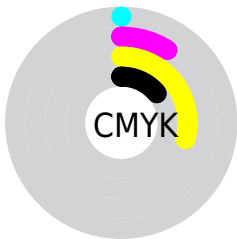
Blue (61%)



Red (73%)

Yellow (86%)

Blue (61%)

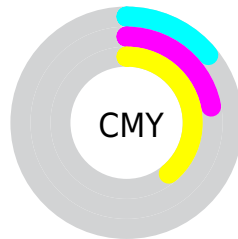


Cyan (0%)

Magenta (9%)

Yellow (29%)

Black (14%)



Cyan (14%)

Magenta (22%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 200.0780, 25.7230, -9.1330 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 200.0780, 25.7230, -9.1330 by changing the saturation by 10% instead.



■ 200.0780, 25.7230,  
-9.1330

■ 200.0780, 25.7230,  
-9.1330

255.0000, -0.0000,  
-0.0000

■ 172.8930, 24.8060,  
-9.0340

■ 249.9840, 14.1240,  
-13.6840

■ 145.7080, 23.8890,  
-8.9350

■ 253.1760, 5.1360,  
-4.9760

■ 120.2240, 22.3760,  
-9.0480

■ 95.1530, 21.1380,  
-8.6380

■ 70.9680, 20.2210,  
-8.5390

■ 48.4840, 18.7080,  
-8.6520

■ 27.7980, 14.9480,

-6.5880

■ 3.8540, 3.3470,  
-0.0850

■ 0.0000, 0.0000,  
0.0000

■ 200.0780, 25.7230,  
-9.1330

■ 200.0780, 25.7230,  
-9.1330

■ 193.4610, 34.7100,  
-12.3140

■ 206.6950, 16.7360,  
-5.9520

■ 186.8440, 43.6970,  
-15.4950

■ 213.3120, 7.7490,  
-2.7710

■ 180.2270, 52.6840,  
-18.6760

■ 219.9290, -1.2380,  
0.4100

■ 173.6100, 61.6710,  
-21.8570

■ 226.5460,  
-10.2250, 3.5910

■ 167.1070, 70.3370,  
-24.7270

■ 231.9090,  
-15.6810, 3.3510

■ 160.4900, 79.3240,  
-27.9080

■ 236.0180,  
-17.6060, -0.3100

■ 153.8730, 88.3110,  
-31.0890

■ 240.1270,  
-19.5310, -3.9710

■ 152.9440, 89.5490,  
-31.4990

■ 244.2360,  
-21.4560, -7.6320

# Harmonies

## Analogous

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



202.4480, 36.7250, 0.7330



200.0780, 25.7230, -9.1330



197.5810, 7.8890, -16.3270

# Triad

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



200.0780, 25.7230, -9.1330



191.6010, -47.5890, -13.1010



205.0640, 12.2840, 19.6760

# Complementary

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



200.0780, 25.7230, -9.1330



174.9220, -25.7230, 9.1330

# 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.



202.5220, -9.6770, 15.6910



200.0780, 25.7230, -9.1330



194.1810, -45.9860, -3.6020

# Square

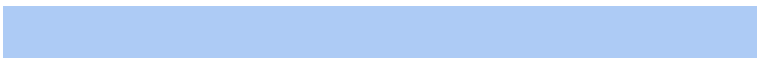
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



200.0780, 25.7230, -9.1330



192.2570, -35.1170, -18.8690



198.8180, -31.3620, 6.7020



204.9920, 29.9820, 18.3180



# Rectangle

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



200.0780, 25.7230, -9.1330



195.6870, -7.1490, -19.1250



198.8180, -31.3620, 6.7020



204.8290, 5.6360, 19.0120

# Sweetspot

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



200.0780, 25.7230, -9.1330



248.2690, 9.3080, -3.4920



177.2310, 30.8070, 19.8870



123.3550, 6.1900, -2.0500



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.



200.0780, 25.7230, -9.1330



228.4180, 36.2690, -13.0350



208.8280, 14.2630, -21.7130



106.3980, 4.6310, -1.3290



120.9930, 70.6580, -25.0380



31.9510, 18.8910, -6.4610



# Inverse Universe

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



174.9220, -25.7230, 9.1330



192.5820, -36.2690, 13.0350



166.4710, -13.6670, 21.9250



102.0150, -4.3560, 1.8520



52.0070, -70.6580, 25.0380

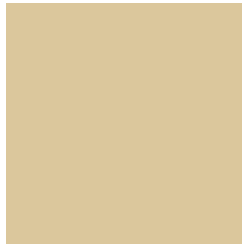


14.0490, -18.8910, 6.4610



# Previews

## White Background



This preview shows how the YIQ color 200.0780, 25.7230, -9.1330 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

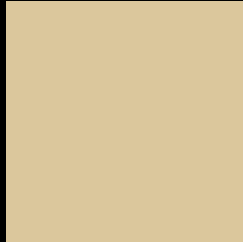
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 200.0780, 25.7230, -9.1330 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

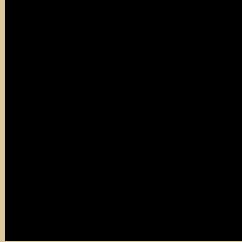
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 200.0780, 25.7230, -9.1330

## Background



This preview shows how black text looks on a background with the YIQ color 200.0780, 25.7230, -9.1330.



This preview shows how white text looks on a background with the YIQ color 200.0780, 25.7230,

-9.1330.

# 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

200.0780, 25.7230, -9.1330

### Protanopia

199.8710, 21.8720, -10.9280

### Deuteranopia

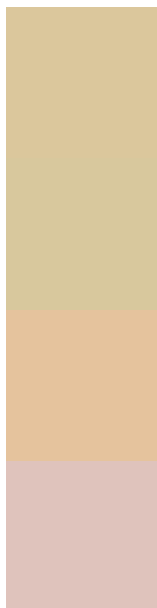
201.4540, 36.5880, -2.2920



## Tritanopia

203.5770, 14.8530, 11.6610

# Trichromacy



## Original Color

200.0780, 25.7230, -9.1330

## Protanomaly

199.8820, 23.3390, -9.9810

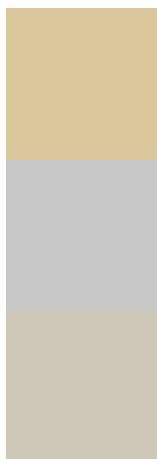
## Deuteranomaly

200.8340, 32.4620, -4.6100

## Tritanomaly

202.5740, 18.9350, 3.7590

# Monochromacy



## Original Color

200.0780, 25.7230, -9.1330

## Achromatopsia

200.0000, -0.0000, -0.0000

## Achromatomaly

200.2690, 9.3080, -3.4920

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 200.0780, 25.7230, -9.1330 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, 199, 156)` looks like.

```
.text, #text, p{  
    color:rgb(219, 199, 156)  
}
```

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, 199, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 199, 156) }
```

## Border

The CSS property to change the border of an element to YIQ 200.0780, 25.7230, -9.1330 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, 199, 156) }
```



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

```
.border{ border-color:rgb(219, 199, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 199, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 199, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 199, 156);  
box-shadow:4px 4px 4px 4px rgb(219, 199,  
156) }
```

# Background

The CSS property to change the background color of an element to YIQ 200.0780, 25.7230, -9.1330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 199, 156) }
```

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

```
.background{ background-color: rgb(219,  
199, 156) }
```

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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