

# Converting Colors

YIQ(200.1250, 35.5360,  
-16.2720)

Have a look what the booklet for  
YIQ(200.1250, 35.5360, -16.2720)  
contains.

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# Color

**YIQ(200.1250, 35.5360,  
-16.2720)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0C985
RGB	224, 201, 133
RGB Percent	88%, 79%, 52%
CMY	0.1216, 0.2118, 0.4782
CMYK	0.00, 0.10, 0.41, 0.12
HSL	45°, 59%, 70%
HSV	45°, 41%, 88%
XYZ	55.8629, 59.3113, 30.7121
YIQ	200.1250, 35.5360, -16.2720

# Conversions

## Conversions Part 2

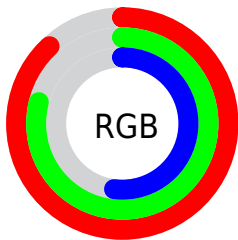
<b>Format</b>	<b>Color</b>
<b>RYB</b>	164, 224, 133
Decimal	14731653
CIELab	81.46, -1.27, 36.88
CIELCh	81, 36.897, 91.977
Yxy	59.3113, 0.3829, 0.4066
Android (android.graphics.Color)	4292921733 (0xFFE0C985)
YUV	200.1250, -33.0926, 20.9384
Hunter-Lab	77.0138, -5.2972, 30.2656

# Details

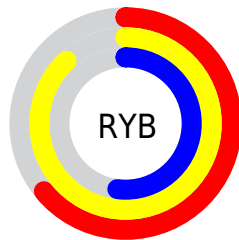
The YIQ color  $200.1250, 35.5360, -16.2720$  is a light color, and the websafe version is hex  $CCCC99$ . A complement of this color would be  $156.8750, -35.5360, 16.2720$ , and the grayscale version is  $200.0000, -0.0000, -0.0000$ .

A 20% lighter version of the original color is  $247.2480, 21.8280, -21.1480$ , and  $145.5700, 32.7850, -15.9750$  is the 20% darker color. If you saturate the color by 10%, you get  $194.0950, 44.2480, -19.9760$ , and if you desaturate by 10%, it is  $206.1550, 26.8240, -12.5680$ .

# Distribution



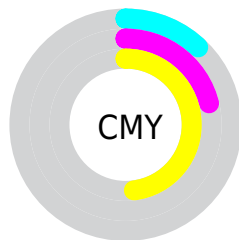
- Red (88%)
- Green (79%)
- Blue (52%)



- Red (64%)
- Yellow (88%)
- Blue (52%)



- Cyan (0%)
- Magenta (10%)
- Yellow (41%)
- Black (12%)



- Cyan (12%)
- Magenta (21%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 200.1250, 35.5360, -16.2720 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 200.1250, 35.5360, -16.2720 by changing the saturation by 10% instead.



■ 200.1250, 35.5360,  
-16.2720

■ 200.1250, 35.5360,  
-16.2720

■ 255.0000, -0.0000,  
-0.0000

■ 172.6410, 34.0230,  
-16.3850

■ 247.2480, 21.8280,  
-21.1480

■ 145.5700, 32.7850,  
-15.9750

■ 250.4400, 12.8400,  
-12.4400

■ 120.0860, 31.2720,  
-16.0880

■ 253.7460, 3.5310,  
-3.4210

■ 94.6020, 29.7590,  
-16.2010

■ 69.8900, 28.8880,  
-16.9360

■ 48.7740, 23.5230,  
-13.3170

■ 28.9720, 14.3980,

-7.6340

■ 5.0170, 1.3300,  
-2.0780

■ 0.0000, 0.0000,  
0.0000

■ 200.1250, 35.5360,  
-16.2720

■ 200.1250, 35.5360,  
-16.2720

■ 194.0950, 44.2480,  
-19.9760

■ 206.1550, 26.8240,  
-12.5680

■ 188.5380, 53.0060,  
-24.5140

■ 211.7120, 18.0660,  
-8.0300

■ 182.5080, 61.7180,  
-28.2180

■ 217.7420, 9.3540,  
-4.3260

■ 176.3640, 70.7510,  
-32.2330

■ 223.8860, 0.3210,  
-0.3110

■ 170.9210, 79.1880,  
-36.4600

■ 229.3290, -8.1160,  
3.9160

■ 165.0050, 87.5790,  
-39.8530

■ 233.9910,  
-12.9760, 3.8880

■ 237.5130,  
-14.6260, 0.7500

■ 240.4480,  
-16.0010, -1.8650

■ 243.9700,  
-17.6510, -5.0030

# Harmonies

## Analogous

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



202.7780, 53.2310, -1.0490



200.1250, 35.5360, -16.2720



196.0720, 7.5240, -26.2360

# Triad

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



200.1250, 35.5360, -16.2720



181.3880, -86.8340, -23.2340



207.7760, 22.3230, 30.4750

# Complementary

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



200.1250, 35.5360, -16.2720



156.8750, -35.5360, 16.2720

# 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.



205.1510, -9.7700, 22.8860



200.1250, 35.5360, -16.2720



187.5670, -76.6120, -10.2440

# Square

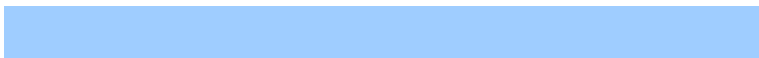
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



200.1250, 35.5360, -16.2720



184.9760, -62.4870, -29.4550



196.9460, -43.4660, 5.7980



202.4710, 39.0590, 24.5230



# Rectangle

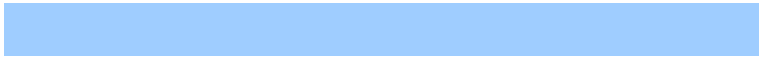
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



200.1250, 35.5360, -16.2720



192.7580, -15.0790, -29.5990



196.9460, -43.4660, 5.7980



207.3880, 11.7320, 29.6840

# Sweetspot

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



200.1250, 35.5360, -16.2720



246.7700, 12.1510, -5.4570



162.9450, 46.5320, 26.7560



123.0130, 7.1530, -2.9830



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.



200.1250, 35.5360, -16.2720



221.9660, 48.9250, -22.1390



207.3470, 16.6950, -32.7530



108.9850, 4.3560, -1.8520



129.5210, 68.8710, -31.2010



35.4840, 18.7080, -8.6520



# Inverse Universe

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



156.8750, -35.5360, 16.2720



163.0340, -48.9250, 22.1390



149.6530, -16.6950, 32.7530



104.0150, -4.3560, 1.8520



46.4790, -68.8710, 31.2010

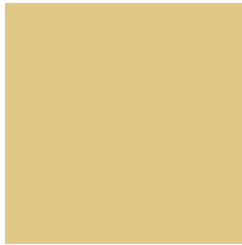


12.5160, -18.7080, 8.6520



# Previews

## White Background



This preview shows how the YIQ color 200.1250, 35.5360, -16.2720 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

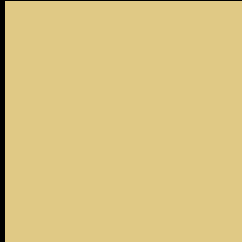
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 200.1250, 35.5360, -16.2720 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

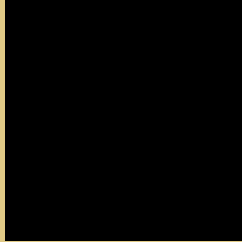
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 200.1250, 35.5360, -16.2720

## Background



This preview shows how black text looks on a background with the YIQ color 200.1250, 35.5360, -16.2720.



This preview shows how white text looks on a background with the YIQ color 200.1250, 35.5360,

-16.2720.

# 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

200.1250, 35.5360, -16.2720

### Protanopia

199.6300, 32.5560, -17.3320

### Deuteranopia

201.9250, 48.1430, -7.9610



## Tritanopia

205.6700, 19.0250, 13.1450

# Trichromacy



## Original Color

200.1250, 35.5360, -16.2720

## Protanomaly

199.9290, 33.1520, -17.1200

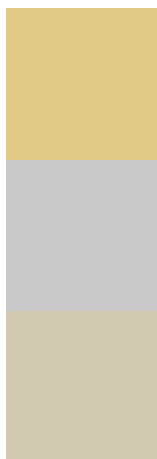
## Deuteranomaly

201.4790, 43.4670, -11.3250

## Tritanomaly

203.4560, 25.0790, 2.5430

# Monochromacy



## Original Color

200.1250, 35.5360, -16.2720

## Achromatopsia

200.0000, -0.0000, -0.0000

## Achromatomaly

199.9550, 13.0680, -5.5560

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 200.1250, 35.5360, -16.2720 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(224, 201, 133)` looks like.

```
.text, #text, p{  
    color:rgb(224, 201, 133)  
}
```

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(224, 201, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 201, 133) }
```

## Border

The CSS property to change the border of an element to YIQ 200.1250, 35.5360, -16.2720 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(224, 201, 133) }
```



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

```
.border{ border-color:rgb(224, 201, 133) }
```

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

Here you see how a box with a 4 pixel rgb(224, 201, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 201, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 201, 133);  
box-shadow:4px 4px 4px 4px rgb(224, 201,  
133) }
```

# Background

The CSS property to change the background color of an element to YIQ 200.1250, 35.5360, -16.2720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 201, 133) }
```

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

```
.background{ background-color: rgb(224,  
201, 133) }
```

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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