

Converting Colors

YIQ(200.8270, 42.3670,
-13.4170)

Have a look what the booklet for
YIQ(200.8270, 42.3670, -13.4170)
contains.

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Color

**YIQ(200.8270, 42.3670,
-13.4170)**

Conversions

Conversions Part 1

Format	Color
Hex	E9C683
RGB	233, 198, 131
RGB Percent	91%, 78%, 51%
CMY	0.0862, 0.2236, 0.4860
CMYK	0.00, 0.15, 0.44, 0.09
HSL	39°, 70%, 71%
HSV	39°, 44%, 91%
XYZ	57.8990, 59.3470, 29.8962
YIQ	200.8270, 42.3670, -13.4170

Conversions

Conversions Part 2

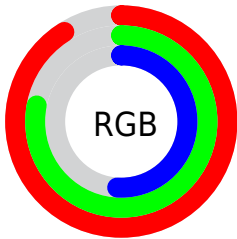
Format	Color
RYB	184, 233, 131
Decimal	15320707
CIELab	81.48, 3.67, 38.08
CIELCh	81, 38.257, 84.494
Yxy	59.3470, 0.3935, 0.4033
Android (android.graphics.Color)	4293510787 (0xFFE9C683)
YUV	200.8270, -34.4247, 28.2157
Hunter-Lab	77.0370, -0.6589, 30.9169

Details

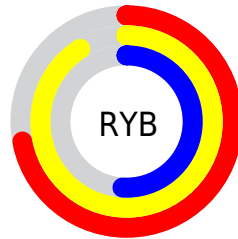
The YIQ color $200.8270, 42.3670, -13.4170$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $163.1730, -42.3670, 13.4170$, and the grayscale version is $201.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $247.0200, 22.4700, -21.7700$, and $145.9730, 39.0200, -13.3320$ is the 20% darker color. If you saturate the color by 10%, you get $193.5090, 51.9500, -16.3860$, and if you desaturate by 10%, it is $208.1450, 32.7840, -10.4480$.

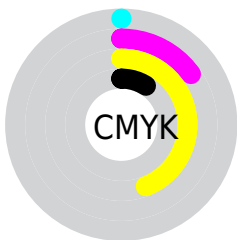
Distribution



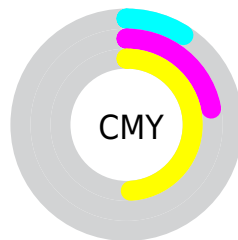
- Red (91%)
- Green (78%)
- Blue (51%)



- Red (72%)
- Yellow (91%)
- Blue (51%)



- Cyan (0%)
- Magenta (15%)
- Yellow (44%)
- Black (9%)



- Cyan (9%)
- Magenta (22%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 200.8270, 42.3670, -13.4170 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 200.8270, 42.3670, -13.4170 by changing the saturation by 10% instead.

■ 200.8270, 42.3670,
-13.4170

■ 200.8270, 42.3670,
-13.4170

255.0000, -0.0000,
-0.0000

■ 173.3430, 40.8540,
-13.5300

■ 247.0200, 22.4700,
-21.7700

■ 145.9730, 39.0200,
-13.3320

■ 250.2120, 13.4820,
-13.0620

■ 120.4890, 37.5070,
-13.4450

■ 253.4040, 4.4940,
-4.3540

■ 94.7060, 35.3980,
-13.7700

■ 70.4670, 34.5730,
-15.3390

■ 48.8070, 27.9240,
-10.4760

■ 29.2930, 17.9280,

-5.5280

■ 6.2570, 9.5820,
2.5580

■ 0.0000, 0.0000,
0.0000

■ 200.8270, 42.3670,
-13.4170

■ 200.8270, 42.3670,
-13.4170

■ 193.5090, 51.9500,
-16.3860

■ 208.1450, 32.7840,
-10.4480

■ 186.0770, 61.8540,
-19.6660

■ 215.5770, 22.8800,
-7.1680

■ 178.7590, 71.4370,
-22.6350

■ 222.8950, 13.2970,
-4.1990

■ 171.4410, 81.0200,
-25.6040

■ 230.2130, 3.7140,
-1.2300

■ 164.1230, 90.6030,
-28.5730

■ 237.6450, -6.1900,
2.0500

■ 159.4780, 96.7930,
-30.6230

■ 243.1390,
-10.6370, 0.0430

■ 247.8350,
-12.8370, -4.1410

■ 248.4220,
-13.1120, -4.6640

Harmonies

Analogous

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



201.9570, 54.2850, 1.8770



200.8270, 42.3670, -13.4170



197.0900, 16.2810, -25.2470

Triad

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



200.8270, 42.3670, -13.4170



179.3830, -88.4380, -27.2060



207.7090, 15.2620, 31.7900

Complementary

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



200.8270, 42.3670, -13.4170



163.1730, -42.3670, 13.4170

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.



203.3240, -17.7470, 18.7730



200.8270, 42.3670, -13.4170



183.6580, -87.2940, -14.8940

Square

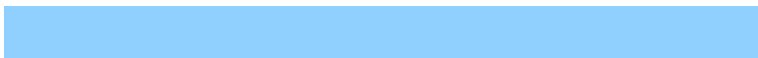
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



200.8270, 42.3670, -13.4170



185.9180, -56.5720, -32.0280



193.9230, -53.8270, 0.8370



203.6110, 35.8490, 27.6330

Rectangle

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



200.8270, 42.3670, -13.4170



193.8360, -6.5510, -29.9670



193.9230, -53.8270, 0.8370



207.1960, 3.5250, 29.7410

Sweetspot

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



200.8270, 42.3670, -13.4170



244.7810, 13.6180, -4.5100



165.6020, 49.2360, 32.8200



120.9100, 8.9410, -2.3470



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.



200.8270, 42.3670, -13.4170



212.6080, 55.9850, -17.9270



216.8870, 23.8020, -34.9020



113.3980, 4.6310, -1.3290



123.9720, 75.1510, -23.8650



36.6910, 22.5590, -6.8570

Inverse Universe

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



163.1730, -42.3670, 13.4170



162.3920, -55.9850, 17.9270



147.1130, -23.8020, 34.9020



109.6020, -4.6310, 1.3290



57.0280, -75.1510, 23.8650



16.7220, -22.2840, 7.3800

Previews

White Background



This preview shows how the YIQ color 200.8270, 42.3670, -13.4170 looks on a white background.

Color Contrast Check

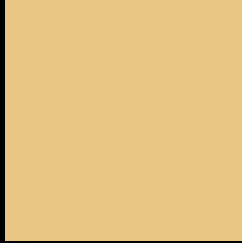
Large Text (above 18pt) WCAG AA × Fail

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 200.8270, 42.3670, -13.4170 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 200.8270, 42.3670, -13.4170

Background



This preview shows how black text looks on a background with the YIQ color 200.8270, 42.3670, -13.4170.



This preview shows how white text looks on a background with the YIQ color 200.8270, 42.3670, -13.4170.

-13.4170.

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

200.8270, 42.3670, -13.4170

Protanopia

200.1030, 32.6020, -18.1660

Deuteranopia

201.8820, 49.7020, -8.6820



Tritanopia

205.9590, 25.5810, 15.4770

Trichromacy



Original Color

200.8270, 42.3670, -13.4170

Protanomaly

200.3100, 36.4530, -16.3710

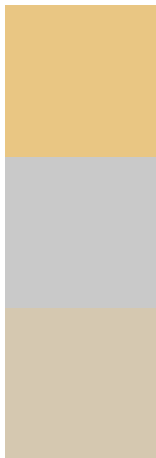
Deuteranomaly

201.2730, 47.0430, -10.0530

Tritanomaly

203.7450, 31.6350, 4.8750

Monochromacy



Original Color

200.8270, 42.3670, -13.4170

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

201.1510, 15.4520, -4.7080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.8270, 42.3670, -13.4170 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(233, 198, 131)` looks like.

```
.text, #text, p{  
    color:rgb(233, 198, 131)  
}
```

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(233, 198, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 198, 131) }
```

Border

The CSS property to change the border of an element to YIQ 200.8270, 42.3670, -13.4170 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(233, 198, 131) }
```


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

```
.border{ border-color:rgb(233, 198, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 198, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 198, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 198, 131);  
box-shadow:4px 4px 4px 4px rgb(233, 198,  
131) }
```

Background

The CSS property to change the background color of an element to YIQ 200.8270, 42.3670, -13.4170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 198, 131) }
```

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

```
.background{ background-color: rgb(233,  
198, 131) }
```

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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