

Converting Colors

YIQ(204.3840, 33.6090, -8.8790)

Have a look what the booklet for
YIQ(204.3840, 33.6090, -8.8790)
contains.

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Color

**YIQ(204.3840, 33.6090,
-8.8790)**

Conversions

Conversions Part 1

Format	Color
Hex	E7C998
RGB	231, 201, 152
RGB Percent	91%, 79%, 60%
CMY	0.0941, 0.2118, 0.4037
CMYK	0.00, 0.13, 0.34, 0.09
HSL	37°, 62%, 75%
HSV	37°, 34%, 91%
XYZ	59.5131, 61.0264, 38.3671
YIQ	204.3840, 33.6090, -8.8790

Conversions

Conversions Part 2

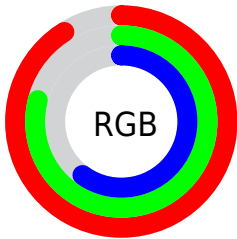
Format	Color
R _Y B	200, 231, 152
Decimal	15190424
CIE Lab	82.39, 3.65, 28.38
CIE LCh	82, 28.613, 82.677
Yxy	61.0264, 0.3745, 0.3840
Android (android.graphics.Color)	4293380504 (0xFFE7C998)
YUV	204.3840, -25.8253, 23.3422
Hunter-Lab	78.1194, -0.7237, 25.5642

Details

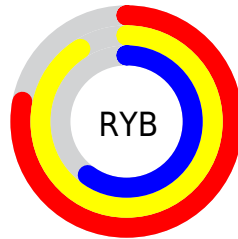
The YIQ color **204.3840, 33.6090, -8.8790** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **178.6160, -33.6090, 8.8790**, and the grayscale version is **205.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **249.5280, 15.4080, -14.9280**, and **149.8290, 30.8580, -8.5820** is the 20% darker color. If you saturate the color by 10%, you get **196.4790, 43.4670, -11.3250**, and if you desaturate by 10%, it is **212.2890, 23.7510, -6.4330**.

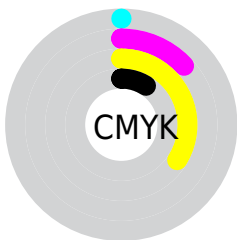
Distribution



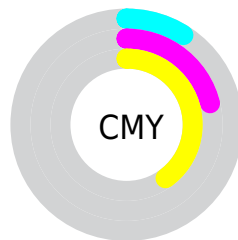
- Red (91%)
- Green (79%)
- Blue (60%)



- Red (78%)
- Yellow (91%)
- Blue (60%)



- Cyan (0%)
- Magenta (13%)
- Yellow (34%)
- Black (9%)



- Cyan (9%)
- Magenta (21%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 204.3840, 33.6090, -8.8790 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 204.3840, 33.6090, -8.8790 by changing the saturation by 10% instead.

204.3840, 33.6090,
-8.8790

204.3840, 33.6090,
-8.8790

255.0000, -0.0000,
-0.0000

176.9000, 32.0960,
-8.9920

249.5280, 15.4080,
-14.9280

149.8290, 30.8580,
-8.5820

252.7200, 6.4200,
-6.2200

123.6440, 29.9410,
-8.4830

98.8610, 27.8320,
-8.8080

74.3770, 26.3190,
-8.9210

51.3660, 24.8520,
-9.8680

31.3640, 19.1660,

-5.9380

■ 8.9150, 10.5450,
1.6250

■ 0.0000, 0.0000,
0.0000

■ 204.3840, 33.6090,
-8.8790

■ 204.3840, 33.6090,
-8.8790

■ 196.4790, 43.4670,
-11.3250

■ 212.2890, 23.7510,
-6.4330

■ 188.5740, 53.3250,
-13.7710

■ 220.1940, 13.8930,
-3.9870

■ 181.2560, 62.9080,
-16.7400

■ 227.5120, 4.3100,
-1.0180

■ 173.3510, 72.7660,
-19.1860

■ 235.4170, -5.5480,
1.4280

■ 165.4460, 82.6240,
-21.6320

■ 241.9540,
-11.5540, 0.1420

■ 157.4270, 92.8030,
-24.3890

■ 247.2370,
-14.0290, -4.5650

■ 153.0100, 98.3510,
-25.8170

■ 247.8240,
-14.3040, -5.0880

Harmonies

Analogous

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



206.3350, 44.4730, 3.4890



204.3840, 33.6090, -8.8790



201.6370, 13.4830, -18.5890

Triad

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



204.3840, 33.6090, -8.8790



192.7630, -57.0330, -18.1610



209.5030, 9.6700, 22.9980

Complementary

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



204.3840, 33.6090, -8.8790



178.6160, -33.6090, 8.8790

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.



206.1560, -17.3340, 16.7940



204.3840, 33.6090, -8.8790



195.0160, -58.8230, -7.7430

Square

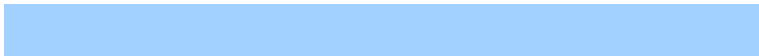
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



204.3840, 33.6090, -8.8790



194.6540, -37.9130, -23.2650



200.4900, -42.1820, 4.5540



209.4100, 31.8610, 22.8130

Rectangle

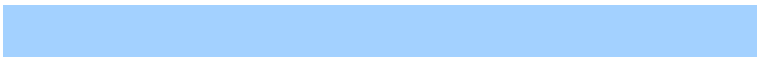
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



204.3840, 33.6090, -8.8790



199.1450, -2.7470, -21.8110



200.4900, -42.1820, 4.5540



208.4850, 0.9130, 22.0090

Sweetspot

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



204.3840, 33.6090, -8.8790



246.2800, 10.7750, -2.5450



179.0410, 37.4540, 26.0780



122.6540, 6.7860, -1.8380



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.



204.3840, 33.6090, -8.8790



219.5500, 44.7050, -11.7350



219.3030, 19.9950, -26.4770



110.6970, 5.2270, -1.1170



118.6780, 76.1590, -20.1050



34.0330, 21.5960, -5.9240

Inverse Universe

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



178.6160, -33.6090, 8.8790



185.4500, -44.7050, 11.7350



163.6970, -19.9950, 26.4770



107.3030, -5.2270, 1.1170



60.3220, -76.1590, 20.1050



16.9670, -21.5960, 5.9240

Previews

White Background



This preview shows how the YIQ color 204.3840, 33.6090, -8.8790 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 204.3840, 33.6090, -8.8790 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 204.3840, 33.6090, -8.8790

Background



This preview shows how black text looks on a background with the YIQ color 204.3840, 33.6090, -8.8790.



This preview shows how white text looks on a background with the YIQ color 204.3840, 33.6090, -8.8790.

-8.8790.

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

204.3840, 33.6090, -8.8790

Protanopia

203.6710, 25.3110, -12.6810

Deuteranopia

205.4390, 40.9440, -4.1440



Tritanopia

207.9800, 21.0880, 14.3040

Trichromacy



Original Color

204.3840, 33.6090, -8.8790

Protanomaly

204.1660, 28.2910, -11.6210

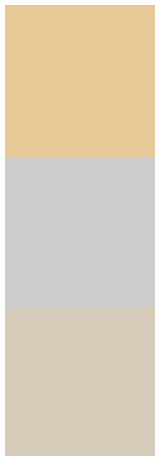
Deuteranomaly

204.8300, 38.2850, -5.5150

Tritanomaly

206.7490, 25.8120, 5.7800

Monochromacy



Original Color

204.3840, 33.6090, -8.8790

Achromatopsia

204.0000, -0.0000, -0.0000

Achromatomaly

204.2370, 12.3340, -3.2660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.3840, 33.6090, -8.8790 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(231, 201, 152)` looks like.

```
.text, #text, p{  
    color:rgb(231, 201, 152)  
}
```

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(231, 201, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 201, 152) }
```

Border

The CSS property to change the border of an element to YIQ 204.3840, 33.6090, -8.8790 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(231, 201, 152) }
```


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

```
.border{ border-color:rgb(231, 201, 152) }
```

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

Here you see how a box with a 4 pixel rgb(231, 201, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 201, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 201, 152);  
box-shadow:4px 4px 4px 4px rgb(231, 201,  
152) }
```

Background

The CSS property to change the background color of an element to YIQ 204.3840, 33.6090, -8.8790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 201, 152) }
```

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

```
.background{ background-color: rgb(231,  
201, 152) }
```

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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