

Converting Colors

YIQ(206.6910, 39.7540,
-15.6220)

Have a look what the booklet for
YIQ(206.6910, 39.7540, -15.6220)
contains.

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Color

**YIQ(206.6910, 39.7540,
-15.6220)**

Conversions

Conversions Part 1

Format	Color
Hex	EBCE88
RGB	235, 206, 136
RGB Percent	92%, 81%, 53%
CMY	0.0784, 0.1922, 0.4664
CMYK	0.00, 0.12, 0.42, 0.08
HSL	42°, 71%, 73%
HSV	42°, 42%, 92%
XYZ	60.7792, 63.5790, 32.3813
YIQ	206.6910, 39.7540, -15.6220

Conversions

Conversions Part 2

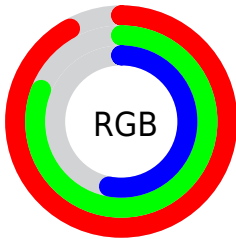
Format	Color
RYB	177, 235, 136
Decimal	15453832
CIELab	83.75, 0.83, 38.48
CIELCh	84, 38.487, 88.769
Yxy	63.5790, 0.3878, 0.4056
Android (android.graphics.Color)	4293643912 (0xFFEBCE88)
YUV	206.6910, -34.8507, 24.8270
Hunter-Lab	79.7365, -3.4770, 31.7376

Details

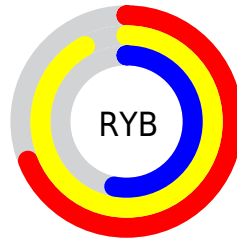
The YIQ color $206.6910, 39.7540, -15.6220$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $164.3090, -39.7540, 15.6220$, and the grayscale version is $207.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $247.5900, 20.8650, -20.2150$, and $152.1360, 37.0030, -15.3250$ is the 20% darker color. If you saturate the color by 10%, you get $199.9600, 49.0620, -19.1140$, and if you desaturate by 10%, it is $213.5360, 30.1250, -11.8190$.

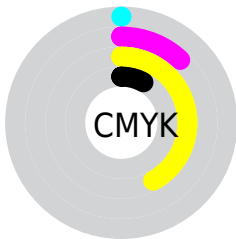
Distribution



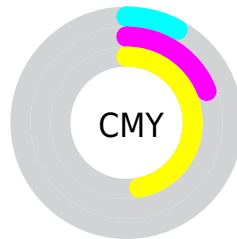
- Red (92%)
- Green (81%)
- Blue (53%)



- Red (69%)
- Yellow (92%)
- Blue (53%)



- Cyan (0%)
- Magenta (12%)
- Yellow (42%)
- Black (8%)



- Cyan (8%)
- Magenta (19%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 206.6910, 39.7540, -15.6220 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 206.6910, 39.7540, -15.6220 by changing the saturation by 10% instead.

■ 206.6910, 39.7540,
-15.6220

■ 206.6910, 39.7540,
-15.6220

255.0000, -0.0000,
-0.0000

■ 179.2070, 38.2410,
-15.7350

■ 247.5900, 20.8650,
-20.2150

■ 152.1360, 37.0030,
-15.3250

■ 250.7820, 11.8770,
-11.5070

■ 125.7660, 35.1690,
-15.1270

■ 254.0880, 2.5680,
-2.4880

■ 100.2820, 33.6560,
-15.2400

■ 75.1570, 32.5100,
-16.4980

■ 53.5140, 27.1910,
-13.7130

■ 33.7120, 18.0660,

-8.0300

■ 13.0240, 8.6200,
-2.0360

■ 0.0000, 0.0000,
0.0000

■ 206.6910, 39.7540,
-15.6220

■ 206.6910, 39.7540,
-15.6220

■ 199.9600, 49.0620,
-19.1140

■ 213.5360, 30.1250,
-11.8190

■ 193.1150, 58.6910,
-22.9170

■ 220.2670, 20.8170,
-8.3270

■ 186.3840, 67.9990,
-26.4090

■ 227.1120, 11.1880,
-4.5240

■ 179.5390, 77.6280,
-30.2120

■ 233.8430, 1.8800,
-1.0320

■ 173.3950, 86.6610,
-34.2270

■ 240.1010, -7.4740,
3.2940

■ 167.7070, 94.4100,
-36.9980

■ 244.3240, -9.7200,
-0.0560

■ 248.4330,
-11.6450, -3.7170

■ 249.0200,
-11.9200, -4.2400

Harmonies

Analogous

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



206.9950, 51.1220, -1.3740



206.6910, 39.7540, -15.6220



202.6980, 11.5130, -26.9430

Triad

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



206.6910, 39.7540, -15.6220



186.2410, -90.9140, -26.3860



214.1610, 19.8010, 32.1290

Complementary

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



206.6910, 39.7540, -15.6220



164.3090, -39.7540, 15.6220

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.



209.5590, -11.0990, 19.4370



206.6910, 39.7540, -15.6220



190.4800, -80.9210, -14.7530

Square

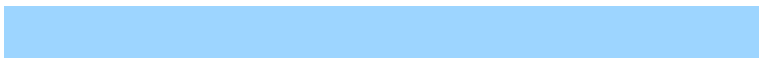
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



206.6910, 39.7540, -15.6220



190.8080, -62.0740, -31.4340



201.0440, -46.8580, 1.1900



206.6600, 34.1530, 25.3290

Rectangle

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



206.6910, 39.7540, -15.6220



199.6720, -11.9610, -31.0410



201.0440, -46.8580, 1.1900



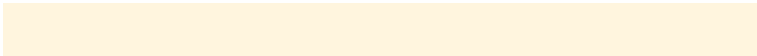
213.8330, 8.9810, 29.9810

Sweetspot

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



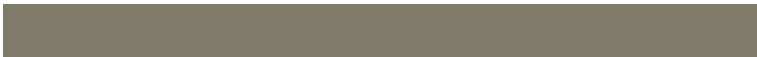
206.6910, 39.7540, -15.6220



245.3680, 13.3430, -5.0330



169.0210, 49.3740, 30.3180



122.0840, 8.3910, -3.3930



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.



206.6910, 39.7540, -15.6220



217.8740, 52.1800, -20.5560



217.7340, 19.8590, -35.0290



113.9850, 4.3560, -1.8520



129.2550, 72.6760, -28.5720



38.4520, 21.7340, -8.4260

Inverse Universe

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



164.3090, -39.7540, 15.6220



162.1260, -52.1800, 20.5560



153.2660, -19.8590, 35.0290



109.0150, -4.3560, 1.8520



51.7450, -72.6760, 28.5720



15.5480, -21.7340, 8.4260

Previews

White Background



This preview shows how the YIQ color 206.6910, 39.7540, -15.6220 looks on a white background.

Color Contrast Check

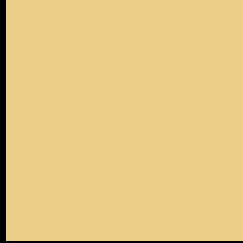
Large Text (above 18pt) WCAG AA × Fail

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 206.6910, 39.7540, -15.6220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

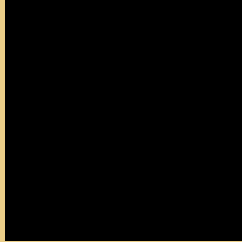
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 206.6910, 39.7540, -15.6220

Background



This preview shows how black text looks on a background with the YIQ color 206.6910, 39.7540, -15.6220.



This preview shows how white text looks on a background with the YIQ color 206.6910, 39.7540, -15.6220.

-15.6220.

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

206.6910, 39.7540, -15.6220

Protanopia

206.1740, 33.8400, -18.5760

Deuteranopia

208.0670, 50.6190, -8.7810



Tritanopia

212.4640, 22.6010, 14.4170

Trichromacy



Original Color

206.6910, 39.7540, -15.6220

Protanomaly

206.4840, 35.9030, -17.4170

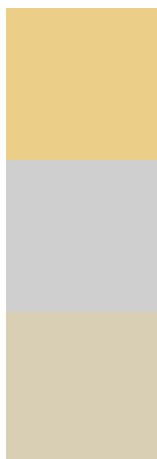
Deuteranomaly

207.4470, 46.4930, -11.0990

Tritanomaly

210.1360, 28.9760, 3.5040

Monochromacy



Original Color

206.6910, 39.7540, -15.6220

Achromatopsia

207.0000, 0.0000, -0.0000

Achromatomaly

207.0260, 14.3060, -5.9660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 206.6910, 39.7540, -15.6220 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(235, 206, 136)` looks like.

```
.text, #text, p{  
    color:rgb(235, 206, 136)  
}
```

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(235, 206, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 206, 136) }
```

Border

The CSS property to change the border of an element to YIQ 206.6910, 39.7540, -15.6220 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(235, 206, 136) }
```


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

```
.border{ border-color:rgb(235, 206, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 206, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 206, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 206, 136);  
box-shadow:4px 4px 4px 4px rgb(235, 206,  
136) }
```

Background

The CSS property to change the background color of an element to YIQ 206.6910, 39.7540, -15.6220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 206, 136) }
```

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

```
.background{ background-color: rgb(235,  
206, 136) }
```

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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