

Converting Colors

YIQ(203.9210, 44.7980,
-18.9300)

Have a look what the booklet for
YIQ(203.9210, 44.7980, -18.9300)
contains.

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Color

**YIQ(203.9210, 44.7980,
-18.9300)**

Conversions

Conversions Part 1

Format	Color
Hex	EBCC7A
RGB	235, 204, 122
RGB Percent	92%, 80%, 48%
CMY	0.0784, 0.2000, 0.5213
CMYK	0.00, 0.13, 0.48, 0.08
HSL	44°, 74%, 70%
HSV	44°, 48%, 92%
XYZ	59.3692, 62.2493, 27.3186
YIQ	203.9210, 44.7980, -18.9300

Conversions

Conversions Part 2

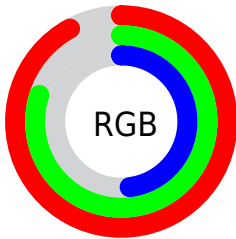
Format	Color
R_{YB}	165, 235, 122
Decimal	15453306
CIE _{Lab}	83.05, 0.49, 44.63
CIE _{LCh}	83, 44.628, 89.373
Yxy	62.2493, 0.3986, 0.4180
Android (android.graphics.Color)	4293643386 (0xFFEBCC7A)
YUV	203.9210, -40.3871, 27.2563
Hunter-Lab	78.8982, -3.7543, 34.6995

Details

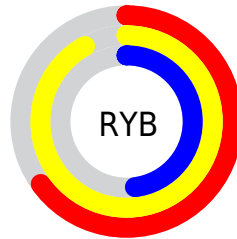
The YIQ color **203.9210, 44.7980, -18.9300** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **153.0790, -44.7980, 18.9300**, and the grayscale version is **204.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **245.9940, 25.3590, -24.5690**, and **149.0670, 41.4510, -18.8450** is the 20% darker color. If you saturate the color by 10%, you get **197.7770, 53.8310, -22.9450**, and if you desaturate by 10%, it is **210.1790, 35.4440, -14.6040**.

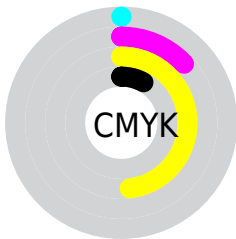
Distribution



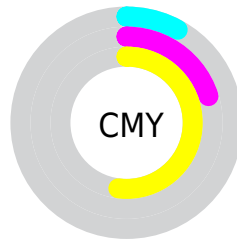
- Red (92%)
- Green (80%)
- Blue (48%)



- Red (65%)
- Yellow (92%)
- Blue (48%)



- Cyan (0%)
- Magenta (13%)
- Yellow (48%)
- Black (8%)





- Cyan (8%)
- Magenta (20%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 203.9210, 44.7980, -18.9300 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 203.9210, 44.7980, -18.9300 by changing the saturation by 10% instead.


 203.9210, 44.7980,
-18.9300


 203.9210, 44.7980,
-18.9300


255.0000, -0.0000,
-0.0000


 176.4370, 43.2850,
-19.0430

 245.9940, 25.3590,
-24.5690


 149.0670, 41.4510,
-18.8450


 249.1860, 16.3710,
-15.8610

 122.5830, 39.9380,
-18.9580

 252.3780, 7.3830,
-7.1530

 97.4580, 38.7920,
-20.2160

 73.0170, 35.7200,
-19.6080

 51.7420, 26.5490,
-13.0910

 31.9400, 17.4240,

-7.4080

■ 10.9530, 7.3820,
-1.6260

■ 0.0000, 0.0000,
0.0000

■ 203.9210, 44.7980,
-18.9300

■ 203.9210, 44.7980,
-18.9300

■ 197.7770, 53.8310,
-22.9450

■ 210.1790, 35.4440,
-14.6040

■ 190.9320, 63.4600,
-26.7480

■ 216.9100, 26.1360,
-11.1120

■ 184.7880, 72.4930,
-30.7630

■ 223.1680, 16.7820,
-6.7860

■ 177.9430, 82.1220,
-34.5660

■ 229.8990, 7.4740,
-3.2940

■ 171.7990, 91.1550,
-38.5810

■ 236.1570, -1.8800,
1.0320

■ 170.0550, 93.3100,
-39.0900

■ 241.9760, -8.6200,
2.0360

■ 245.4980,
-10.2700, -1.1020

■ 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.



202.6920, 56.3490, -2.4910



203.9210, 44.7980, -18.9300



199.8350, 12.3850, -31.7350

Triad

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



203.9210, 44.7980, -18.9300



161.9940, -141.9870, -42.4270



211.5790, 21.6800, 36.6240

Complementary

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



203.9210, 44.7980, -18.9300



153.0790, -44.7980, 18.9300

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.



206.9120, -10.5950, 21.3170



203.9210, 44.7980, -18.9300



178.2210, -105.3570, -23.4450

Square

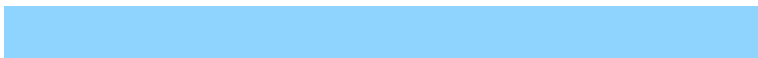
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



203.9210, 44.7980, -18.9300



182.1970, -79.5870, -38.9390



195.6840, -54.6520, -0.7320



202.2090, 37.0410, 28.0570

Rectangle

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



203.9210, 44.7980, -18.9300



195.6560, -15.0320, -35.9600



195.6840, -54.6520, -0.7320



211.5070, 13.0150, 33.9670

Sweetspot

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



203.9210, 44.7980, -18.9300



245.0260, 14.3060, -5.9660



159.4350, 57.0760, 33.9080



121.9700, 8.7120, -3.7040



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.



203.9210, 44.7980, -18.9300



214.0610, 58.7830, -24.5850



214.9420, 21.9690, -40.2310



113.9850, 4.3560, -1.8520



131.0160, 71.8510, -30.1410



39.0390, 21.4590, -8.9490

Inverse Universe

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



153.0790, -44.7980, 18.9300



147.9390, -58.7830, 24.5850



142.3570, -21.3730, 40.4430



109.0150, -4.3560, 1.8520



49.9840, -71.8510, 30.1410



14.9610, -21.4590, 8.9490

Previews

White Background



This preview shows how the YIQ color 203.9210, 44.7980, -18.9300 looks on a white background.

Color Contrast Check

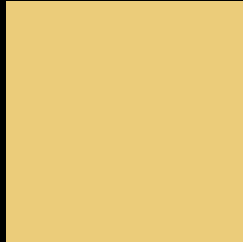
Large Text (above 18pt) WCAG AA × Fail

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 203.9210, 44.7980, -18.9300 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 203.9210, 44.7980, -18.9300

Background



This preview shows how black text looks on a background with the YIQ color 203.9210, 44.7980, -18.9300.



This preview shows how white text looks on a background with the YIQ color 203.9210, 44.7980, -18.9300.

-18.9300.

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

203.9210, 44.7980, -18.9300

Protanopia

203.1050, 38.2880, -22.0960

Deuteranopia

205.4110, 55.3420, -11.7780



Tritanopia

210.3610, 24.3890, 15.0530

Trichromacy



Original Color

203.9210, 44.7980, -18.9300

Protanomaly

203.4150, 40.3510, -20.9370

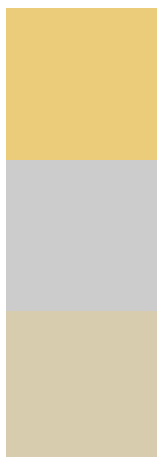
Deuteranomaly

204.6770, 51.5370, -14.4070

Tritanomaly

208.1640, 31.7730, 2.3730

Monochromacy



Original Color

203.9210, 44.7980, -18.9300

Achromatopsia

204.0000, -0.0000, -0.0000

Achromatomaly

203.8690, 16.1860, -6.9980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 203.9210, 44.7980, -18.9300 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, 204, 122)` looks like.

```
.text, #text, p{  
    color:rgb(235, 204, 122)  
}
```

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, 204, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 204, 122) }
```

Border

The CSS property to change the border of an element to YIQ 203.9210, 44.7980, -18.9300 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, 204, 122) }
```


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

```
.border{ border-color:rgb(235, 204, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 204, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 204, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 204, 122);  
box-shadow:4px 4px 4px 4px rgb(235, 204,  
122) }
```

Background

The CSS property to change the background color of an element to YIQ 203.9210, 44.7980, -18.9300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 204, 122) }
```

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

```
.background{ background-color: rgb(235,  
204, 122) }
```

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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