

Converting Colors

YIQ(199.8490, 45.3010,
-11.5230)

Have a look what the booklet for
YIQ(199.8490, 45.3010, -11.5230)
contains.

YIQ(199.8490, 45.3010, -11.5230)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(199.8490, 45.3010,
-11.5230)**

Conversions

Conversions Part 1

Format	Color
Hex	ECC382
RGB	236, 195, 130
RGB Percent	93%, 76%, 51%
CMY	0.0745, 0.2353, 0.4900
CMYK	0.00, 0.17, 0.45, 0.07
HSL	37°, 74%, 72%
HSV	37°, 45%, 93%
XYZ	58.1413, 58.4711, 29.3614
YIQ	199.8490, 45.3010, -11.5230

Conversions

Conversions Part 2

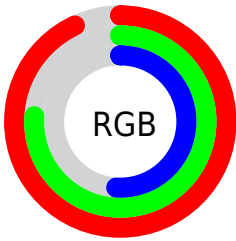
Format	Color
RYB	197, 236, 130
Decimal	15516546
CIELab	81.00, 6.34, 38.03
CIELCh	81, 38.554, 80.536
Yxy	58.4711, 0.3983, 0.4006
Android (android.graphics.Color)	4293706626 (0xFFECC382)
YUV	199.8490, -34.4356, 31.7044
Hunter-Lab	76.4664, 1.9066, 30.7604

Details

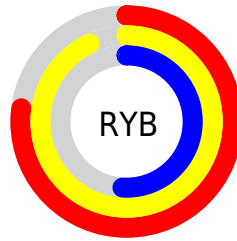
The YIQ color **199.8490, 45.3010, -11.5230** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **166.1510, -45.3010, 11.5230**, and the grayscale version is **200.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **244.5580, 23.8910, -19.9890**, and **145.5820, 41.6790, -11.9610** is the 20% darker color. If you saturate the color by 10%, you get **191.8300, 55.4800, -14.2800**, and if you desaturate by 10%, it is **207.8680, 35.1220, -8.7660**.

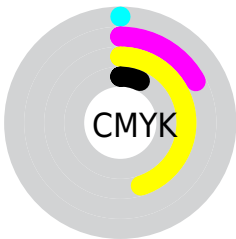
Distribution



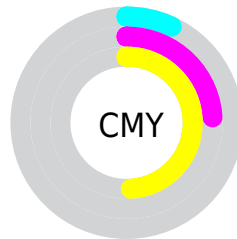
- Red (93%)
- Green (76%)
- Blue (51%)



- Red (77%)
- Yellow (93%)
- Blue (51%)



- Cyan (0%)
- Magenta (17%)
- Yellow (45%)
- Black (7%)



- Cyan (7%)
- Magenta (24%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 199.8490, 45.3010, -11.5230 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 199.8490, 45.3010, -11.5230 by changing the saturation by 10% instead.

199.8490, 45.3010,
-11.5230

199.8490, 45.3010,
-11.5230

255.0000, -0.0000,
-0.0000

172.3650, 43.7880,
-11.6360

244.5580, 23.8910,
-19.9890

144.9950, 41.9540,
-11.4380

250.0980, 13.8030,
-13.3730

119.2120, 39.8450,
-11.7630

253.2900, 4.8150,
-4.6650

94.3150, 38.0570,
-12.3990

69.3040, 36.5900,
-13.3460

48.2310, 29.6660,
-9.0060

28.7170, 19.6700,

-4.0580

■ 5.6810, 11.3240,
4.0280

■ 0.0000, 0.0000,
0.0000

■ 199.8490, 45.3010,
-11.5230

■ 199.8490, 45.3010,
-11.5230

■ 191.8300, 55.4800,
-14.2800

■ 207.8680, 35.1220,
-8.7660

■ 183.9250, 65.3380,
-16.7260

■ 215.7730, 25.2640,
-6.3200

■ 175.9060, 75.5170,
-19.4830

■ 223.7920, 15.0850,
-3.5630

■ 167.4140, 85.6500,
-21.4060

■ 232.2840, 4.9520,
-1.6400

■ 159.3950, 95.8290,
-24.1630

■ 240.3030, -5.2270,
1.1170

■ 155.6790,
100.7810, -25.8030

■ 246.3840, -9.9490,
-1.4130

■ 249.3190,
-11.3240, -4.0280

Harmonies

Analogous

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



200.4240, 54.4680, 4.0680



199.8490, 45.3010, -11.5230



196.4710, 19.5820, -24.4980

Triad

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



199.8490, 45.3010, -11.5230



178.4000, -87.1080, -29.2840



206.1430, 11.0440, 31.1400

Complementary

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



199.8490, 45.3010, -11.5230



166.1510, -45.3010, 11.5230

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.



200.9320, -22.5150, 17.0770



199.8490, 45.3010, -11.5230



180.9670, -92.6580, -16.8020

Square

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



199.8490, 45.3010, -11.5230



184.9570, -52.3080, -32.2120



190.9330, -59.7870, -1.2830



203.3660, 35.1610, 29.0890

Rectangle

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



199.8490, 45.3010, -11.5230



193.2880, -2.0120, -29.6280



190.9330, -59.7870, -1.2830



205.2170, -0.9680, 28.5680

Sweetspot

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



199.8490, 45.3010, -11.5230



243.6070, 14.1680, -3.4640



166.4820, 49.6940, 35.5340



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.



199.8490, 45.3010, -11.5230



208.1570, 58.8730, -15.1990



220.6270, 27.4700, -35.2980



113.3980, 4.6310, -1.3290



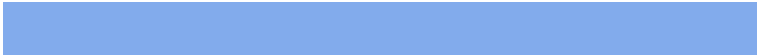
119.2760, 77.3510, -19.6810



35.5170, 23.1090, -5.8110

Inverse Universe

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



166.1510, -45.3010, 11.5230



164.4300, -59.1480, 14.6760



145.3730, -27.4700, 35.2980



109.6020, -4.6310, 1.3290



61.7240, -77.3510, 19.6810



18.4830, -23.1090, 5.8110

Previews

White Background



This preview shows how the YIQ color 199.8490, 45.3010, -11.5230 looks on a white background.

Color Contrast Check

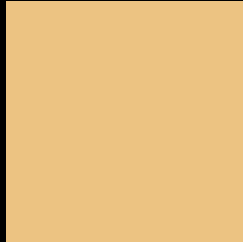
Large Text (above 18pt) WCAG AA × Fail

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 199.8490, 45.3010, -11.5230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

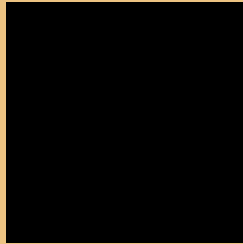
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 199.8490, 45.3010, -11.5230

Background



This preview shows how black text looks on a background with the YIQ color 199.8490, 45.3010, -11.5230.



This preview shows how white text looks on a background with the YIQ color 199.8490, 45.3010, -11.5230.

-11.5230.

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

199.8490, 45.3010, -11.5230

Protanopia

198.6300, 32.5560, -17.3320

Deuteranopia

199.9960, 49.3810, -8.3710



Tritanopia

204.7530, 29.1570, 16.7490

Trichromacy



Original Color

199.8490, 45.3010, -11.5230

Protanomaly

199.1360, 37.0030, -15.3250

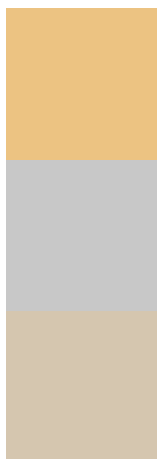
Deuteranomaly

199.9850, 47.9140, -9.3180

Tritanomaly

202.6530, 34.8900, 6.4580

Monochromacy



Original Color

199.8490, 45.3010, -11.5230

Achromatopsia

200.0000, -0.0000, -0.0000

Achromatomaly

199.8630, 16.3230, -3.9730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.8490, 45.3010, -11.5230 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(236, 195, 130)` looks like.

```
.text, #text, p{  
    color:rgb(236, 195, 130)  
}
```

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(236, 195, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 195, 130) }
```

Border

The CSS property to change the border of an element to YIQ 199.8490, 45.3010, -11.5230 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(236, 195, 130) }
```


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

```
.border{ border-color:rgb(236, 195, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 195, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 195, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 195, 130);  
box-shadow:4px 4px 4px 4px rgb(236, 195,  
130) }
```

Background

The CSS property to change the background color of an element to YIQ 199.8490, 45.3010, -11.5230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 195, 130) }
```

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

```
.background{ background-color: rgb(236,  
195, 130) }
```

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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