

Converting Colors

YIQ(228.3210, 37.9200,
-15.4240)

Have a look what the booklet for
YIQ(228.3210, 37.9200, -15.4240)
contains.

YIQ(228.3210, 37.9200, -15.4240)	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(228.3210, 37.9200,
-15.4240)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE4A0
RGB	255, 228, 160
RGB Percent	100%, 89%, 63%
CMY	0.0000, 0.1059, 0.3723
CMYK	0.00, 0.11, 0.37, 0.00
HSL	43°, 100%, 81%
HSV	43°, 37%, 100%
XYZ	75.3299, 79.2803, 44.6138
YIQ	228.3210, 37.9200, -15.4240

Conversions

Conversions Part 2

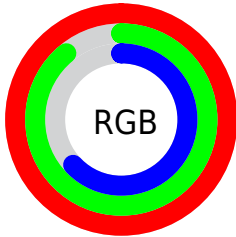
Format	Color
R_{YB}	198, 255, 160
Decimal	16770208
CIE Lab	91.36, -0.05, 36.56
CIE LCh	91, 36.557, 90.076
Yxy	79.2803, 0.3781, 0.3979
Android (android.graphics.Color)	4294960288 (0xFFFFE4A0)
YUV	228.3210, -33.6823, 23.3975
Hunter-Lab	89.0395, -4.8031, 32.6200

Details

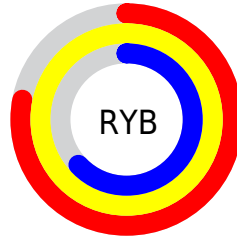
The YIQ color $228.3210, 37.9200, -15.4240$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $186.6790, -37.9200, 15.4240$, and the grayscale version is $229.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $250.4400, 12.8400, -12.4400$, and $172.7660, 35.1690, -15.1270$ is the 20% darker color. If you saturate the color by 10%, you get $221.3620, 47.8700, -19.5380$, and if you desaturate by 10%, it is $235.3940, 27.6490, -10.9990$.

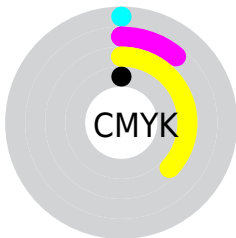
Distribution



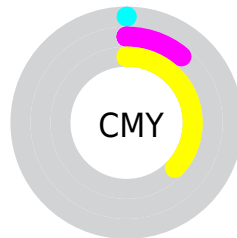
- Red (100%)
- Green (89%)
- Blue (63%)



- Red (78%)
- Yellow (100%)
- Blue (63%)



- Cyan (0%)
- Magenta (11%)
- Yellow (37%)
- Black (0%)





- Cyan (0%)
- Magenta (11%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 228.3210, 37.9200, -15.4240 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 228.3210, 37.9200, -15.4240 by changing the saturation by 10% instead.


 228.3210, 37.9200,
-15.4240


 228.3210, 37.9200,
-15.4240


255.0000, -0.0000,
-0.0000

 200.1360, 37.0030,
-15.3250


 250.4400, 12.8400,
-12.4400


 172.7660, 35.1690,
-15.1270

 253.7460, 3.5310,
-3.4210

 145.6950, 33.9310,
-14.7170

 119.7980, 32.1430,
-15.3530

 94.7270, 30.9050,
-14.9430

 69.7160, 29.4380,
-15.8900

 48.4860, 24.3940,

-12.5820

■ 28.6840, 15.2690,
-6.8990

■ 5.3270, 3.3930,
-0.9190

■ 228.3210, 37.9200,
-15.4240

■ 228.3210, 37.9200,
-15.4240

■ 221.3620, 47.8700,
-19.5380

■ 235.3940, 27.6490,
-10.9990

■ 213.7020, 58.4160,
-23.4400

■ 242.9400, 17.4240,
-7.4080

■ 206.7430, 68.3660,
-27.5540

■ 250.0130, 7.1530,
-2.9830

■ 199.6700, 78.6370,
-31.9790

■ 255.0000, -0.0000,
-0.0000

■ 192.7110, 88.5870,
-36.0930

■ 185.0510, 99.1330,
-39.9950

■ 183.0790,
101.9300, -41.1260

Harmonies

Analogous

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



222.5310, 37.6890, -5.7270



228.3210, 37.9200, -15.4240



224.7410, 9.9540, -26.2220

Triad

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



228.3210, 37.9200, -15.4240



210.8140, -79.4060, -25.6940



228.5850, 12.3750, 23.5350

Complementary

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



228.3210, 37.9200, -15.4240



186.6790, -37.9200, 15.4240

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.



229.0620, -2.5700, 13.5420



228.3210, 37.9200, -15.4240



212.9730, -66.4320, -18.5280

Square

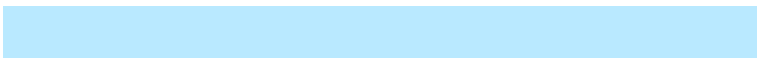
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



228.3210, 37.9200, -15.4240



214.4170, -59.4150, -30.0630



221.1560, -35.6700, -3.3340



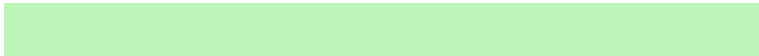
222.3270, 21.7290, 19.2090

Rectangle

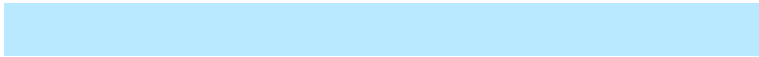
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



228.3210, 37.9200, -15.4240



221.3130, -12.3280, -29.8960



221.1560, -35.6700, -3.3340



230.3460, 11.5500, 21.9660

Sweetspot

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



228.3210, 37.9200, -15.4240



247.1120, 11.1880, -4.5240



191.7110, 47.3110, 29.1590



123.1270, 6.8320, -2.6720



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

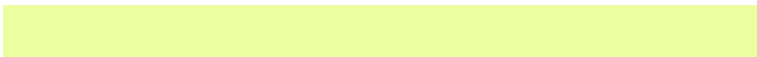
The Same Dimension uses a secret algorithm to generate beautiful new colors.



228.3210, 37.9200, -15.4240



222.5190, 45.9900, -18.5060



238.4890, 19.1710, -33.5730



124.1700, 5.2730, -1.9510



137.5280, 76.1610, -31.1590



46.1380, 25.4940, -10.4900

Inverse Universe

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



186.6790, -37.9200, 15.4240



172.4810, -45.9900, 18.5060



176.5110, -19.1710, 33.5730



118.2430, -4.9980, 2.4740



53.4720, -76.1610, 31.1590



17.8620, -25.4940, 10.4900

Previews

White Background



This preview shows how the YIQ color 228.3210, 37.9200, -15.4240 looks on a white background.

Color Contrast Check

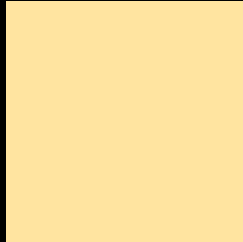
Large Text (above 18pt) WCAG AA × Fail

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 228.3210, 37.9200, -15.4240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

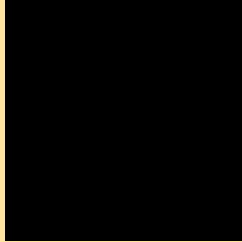
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 228.3210, 37.9200, -15.4240

Background



This preview shows how black text looks on a background with the YIQ color 228.3210, 37.9200, -15.4240.



This preview shows how white text looks on a background with the YIQ color 228.3210, 37.9200, -15.4240.

-15.4240.

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

228.3210, 37.9200, -15.4240

Protanopia

227.8150, 33.4730, -17.4310

Deuteranopia

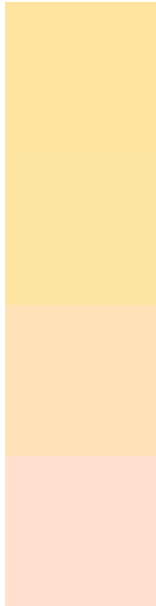
230.7780, 26.8680, -2.3480



Tritanopia

233.2350, 15.8160, 10.7280

Trichromacy



Original Color

228.3210, 37.9200, -15.4240

Protanomaly

227.8260, 34.9400, -16.4840

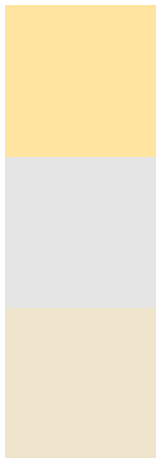
Deuteranomaly

229.8830, 30.7660, -6.9140

Tritanomaly

231.3310, 23.9330, 1.2850

Monochromacy



Original Color

228.3210, 37.9200, -15.4240

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

228.1400, 13.9850, -5.6550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 228.3210, 37.9200, -15.4240 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(255, 228, 160)` looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 160)  
}
```

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(255, 228, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 160) }
```

Border

The CSS property to change the border of an element to YIQ 228.3210, 37.9200, -15.4240 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(255, 228, 160) }
```


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

```
.border{ border-color:rgb(255, 228, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 228, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 228, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 228, 160);  
box-shadow:4px 4px 4px 4px rgb(255, 228,  
160) }
```

Background

The CSS property to change the background color of an element to YIQ 228.3210, 37.9200, -15.4240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 228, 160) }
```

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

```
.background{ background-color: rgb(255,  
228, 160) }
```

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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