

Converting Colors

YIQ(242.0210, 20.7290,
-28.7670)

Have a look what the booklet for
YIQ(242.0210, 20.7290, -28.7670)
contains.

YIQ(242.0210, 20.7290, -28.7670)	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(242.0210, 20.7290,
-28.7670)**

Conversions

Conversions Part 1

Format	Color
Hex	F4FFAA
RGB	244, 255, 170
RGB Percent	96%, 100%, 67%
CMY	0.0432, 0.0000, 0.3332
CMYK	0.04, 0.00, 0.33, 0.00
HSL	68°, 100%, 83%
HSV	68°, 33%, 100%
XYZ	80.3205, 93.6532, 51.8925
YIQ	242.0210, 20.7290, -28.7670

Conversions

Conversions Part 2

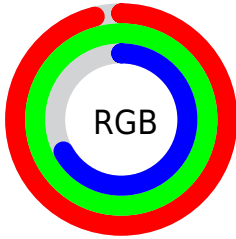
Format	Color
RYB	170, 255, 181
Decimal	16056234
CIELab	97.49, -16.48, 39.45
CIELCh	97, 42.755, 112.665
Yxy	93.6532, 0.3556, 0.4146
Android (android.graphics.Color)	4294246314 (0xFFFF4FFAA)
YUV	242.0210, -35.5064, 1.7356
Hunter-Lab	96.7746, -21.2049, 35.9497

Details

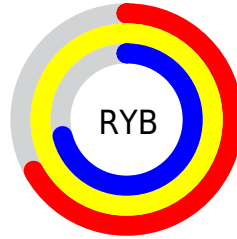
The YIQ color $242.0210, 20.7290, -28.7670$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $182.9790, -20.7290, 28.7670$, and the grayscale version is $242.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $251.6940, 9.3090, -9.0190$, and $185.4770, 19.4450, -27.5230$ is the 20% darker color. If you saturate the color by 10%, you get $238.2740, 26.9660, -37.1780$, and if you desaturate by 10%, it is $245.8820, 14.1710, -20.0450$.

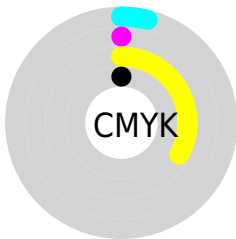
Distribution



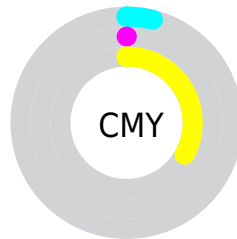
- Red (96%)
- Green (100%)
- Blue (67%)



- Red (67%)
- Yellow (100%)
- Blue (71%)



- Cyan (4%)
- Magenta (0%)
- Yellow (33%)
- Black (0%)





- Cyan (4%)
- Magenta (0%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 242.0210, 20.7290, -28.7670 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 242.0210, 20.7290, -28.7670 by changing the saturation by 10% instead.


 242.0210, 20.7290,
-28.7670


 242.0210, 20.7290,
-28.7670


255.0000, -0.0000,
-0.0000


 213.2490, 20.0870,
-28.1450


 251.6940, 9.3090,
-9.0190

 185.4770, 19.4450,
-27.5230

 158.2920, 18.5280,
-27.4240

 132.1070, 17.6110,
-27.3250

 106.3350, 16.9690,
-26.7030

 80.9220, 16.6940,
-27.2260

 58.4210, 13.8510,

-25.2610

■ 37.7440, 5.8720,
-18.3200

■ 16.4360, -7.7000,
-14.6440

■ 242.0210, 20.7290,
-28.7670

■ 242.0210, 20.7290,
-28.7670

■ 238.2740, 26.9660,
-37.1780

■ 245.8820, 14.1710,
-20.0450

■ 234.1140, 32.9280,
-46.1120

■ 249.9280, 8.5300,
-11.4220

■ 230.3670, 39.1650,
-54.5230

■ 253.7890, 1.9720,
-2.7000

■ 226.5060, 45.7230,
-63.2450

■ 255.0000, -0.0000,
-0.0000

■ 222.4600, 51.3640,
-71.8680

■ 218.5990, 57.9220,
-80.5900

■ 216.0630, 62.1870,
-86.3010

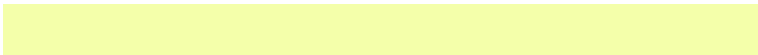
Harmonies

Analogous

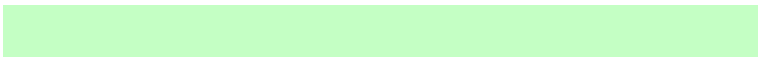
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237.1090, 32.4650, -21.1910



242.0210, 20.7290, -28.7670



230.6330, -16.2250, -30.8570

Triad

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



242.0210, 20.7290, -28.7670



214.6350, -80.4600, -28.6200



232.6940, 10.4500, 19.8740

Complementary

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



242.0210, 20.7290, -28.7670



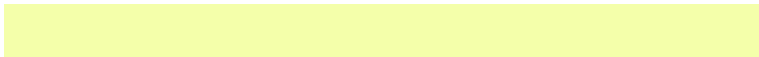
182.9790, -20.7290, 28.7670

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.



237.9770, 7.9750, 15.1670



242.0210, 20.7290, -28.7670



231.3790, -47.0840, -16.7480

Square

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



242.0210, 20.7290, -28.7670



211.3460, -87.0160, -30.9520



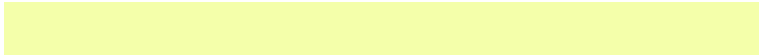
241.9980, -5.6860, 3.9300



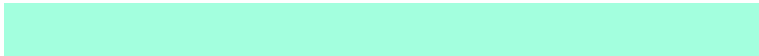
229.0630, 22.0520, 7.8440

Rectangle

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



242.0210, 20.7290, -28.7670



223.7300, -44.2390, -29.7670



241.9980, -5.6860, 3.9300



233.8680, 9.9000, 18.8280

Sweetspot

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



242.0210, 20.7290, -28.7670



251.2530, 6.2370, -8.4110



201.2850, 47.9100, 12.7900



125.5780, 3.9440, -5.4000



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

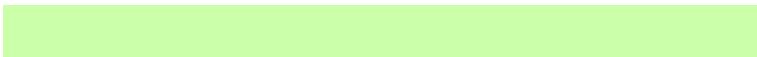
The Same Dimension uses a secret algorithm to generate beautiful new colors.



242.0210, 20.7290, -28.7670



239.4850, 24.9940, -34.4780



229.7620, -3.7070, -37.4590



125.9200, 2.9810, -4.4670



161.7510, 46.4110, -64.7010



54.0130, 15.1800, -21.8120

Inverse Universe

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



182.9790, -20.7290, 28.7670



168.5150, -24.9940, 34.4780



195.2380, 3.7070, 37.4590



116.7810, -3.5770, 4.2550



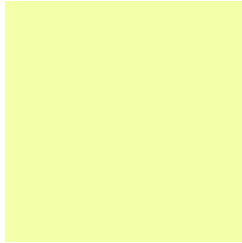
29.2490, -46.4110, 64.7010



9.6880, -15.7760, 21.6000

Previews

White Background



This preview shows how the YIQ color 242.0210, 20.7290, -28.7670 looks on a white background.

Color Contrast Check

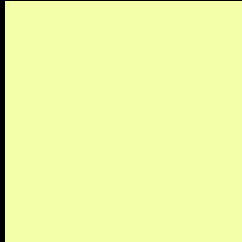
Large Text (above 18pt) WCAG AA × Fail

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 242.0210, 20.7290, -28.7670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

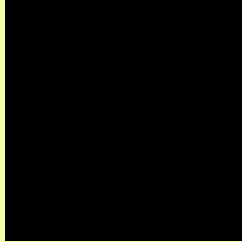
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 242.0210, 20.7290, -28.7670

Background



This preview shows how black text looks on a background with the YIQ color 242.0210, 20.7290, -28.7670.



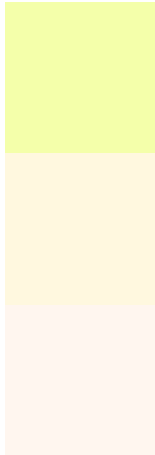
This preview shows how white text looks on a background with the YIQ color 242.0210, 20.7290, -28.7670.

-28.7670.

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

242.0210, 20.7290, -28.7670

Protanopia

247.2430, 12.1970, -6.2910

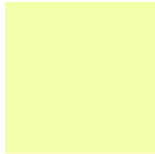
Deuteranopia

247.8930, 7.6110, -0.2690

Tritanopia

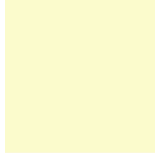
248.8200, 0.6870, 4.0710

Trichromacy



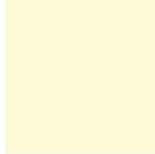
Original Color

242.0210, 20.7290, -28.7670



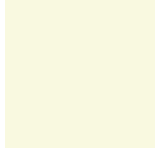
Protanomaly

245.6420, 15.0870, -14.6170



Deuteranomaly

245.6080, 12.4270, -10.4610



Tritanomaly

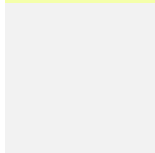
246.1500, 8.0250, -7.7750

Monochromacy



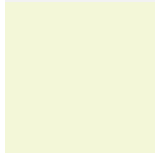
Original Color

242.0210, 20.7290, -28.7670



Achromatopsia

242.0000, -0.0000, 0.0000



Achromatomaly

242.2700, 7.5670, -10.4890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 242.0210, 20.7290, -28.7670 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(244, 255, 170)` looks like.

```
.text, #text, p{  
    color:rgb(244, 255, 170)  
}
```

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(244, 255, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 255, 170) }
```

Border

The CSS property to change the border of an element to YIQ 242.0210, 20.7290, -28.7670 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(244, 255, 170) }
```


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

```
.border{ border-color:rgb(244, 255, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 255, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 255, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 255, 170);  
box-shadow:4px 4px 4px 4px rgb(244, 255,  
170) }
```

Background

The CSS property to change the background color of an element to YIQ 242.0210, 20.7290, -28.7670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 255, 170) }
```

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

```
.background{ background-color: rgb(244,  
255, 170) }
```

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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