

Converting Colors

YIQ(229.2700, 24.7620,
-19.2540)

Have a look what the booklet for
YIQ(229.2700, 24.7620, -19.2540)
contains.

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Color

**YIQ(229.2700, 24.7620,
-19.2540)**

Conversions

Conversions Part 1

Format	Color
Hex	F1EBA9
RGB	241, 235, 169
RGB Percent	95%, 92%, 66%
CMY	0.0549, 0.0784, 0.3371
CMYK	0.00, 0.02, 0.30, 0.05
HSL	55°, 72%, 80%
HSV	55°, 30%, 95%
XYZ	73.1459, 80.9807, 49.3305
YIQ	229.2700, 24.7620, -19.2540

Conversions

Conversions Part 2

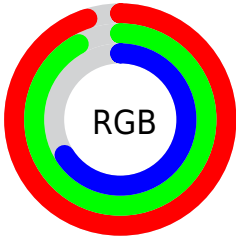
Format	Color
RYB	176, 241, 169
Decimal	15854505
CIELab	92.12, -7.85, 32.81
CIElCh	92, 33.736, 103.454
Yxy	80.9807, 0.3595, 0.3980
Android (android.graphics.Color)	4294044585 (0xFFFF1EBA9)
YUV	229.2700, -29.7131, 10.2872
Hunter-Lab	89.9893, -12.3913, 30.4908

Details

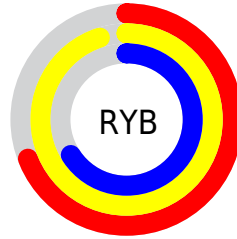
The YIQ color $229.2700, 24.7620, -19.2540$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $180.7300, -24.7620, 19.2540$, and the grayscale version is $230.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $251.5800, 9.6300, -9.3300$, and $173.3130, 23.2030, -18.5330$ is the 20% darker color. If you saturate the color by 10%, you get $225.3600, 33.0160, -25.6720$, and if you desaturate by 10%, it is $233.1800, 16.5080, -12.8360$.

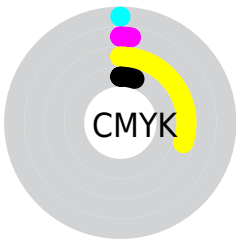
Distribution



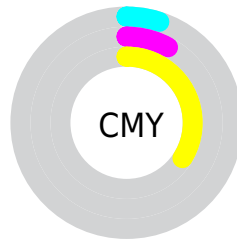
- Red (95%)
- Green (92%)
- Blue (66%)



- Red (69%)
- Yellow (95%)
- Blue (66%)



- Cyan (0%)
- Magenta (2%)
- Yellow (30%)
- Black (5%)



- Cyan (5%)
- Magenta (8%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 229.2700, 24.7620, -19.2540 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 229.2700, 24.7620, -19.2540 by changing the saturation by 10% instead.

■ 229.2700, 24.7620,
-19.2540

■ 229.2700, 24.7620,
-19.2540

255.0000, -0.0000,
-0.0000

■ 201.0850, 23.8450,
-19.1550

■ 251.5800, 9.6300,
-9.3300

■ 173.3130, 23.2030,
-18.5330

254.8860, 0.3210,
-0.3110

■ 147.1280, 22.2860,
-18.4340

■ 121.0570, 21.0480,
-18.0240

■ 95.8720, 20.1310,
-17.9250

■ 71.6870, 19.2140,
-17.8260

■ 48.7300, 17.6550,

-17.1050

■ 29.2270, 9.1260,
-11.2100

■ 7.6310, -3.5750,
-6.7990

■ 229.2700, 24.7620,
-19.2540

■ 229.2700, 24.7620,
-19.2540

■ 225.3600, 33.0160,
-25.6720

■ 233.1800, 16.5080,
-12.8360

■ 221.4500, 41.2700,
-32.0900


■ 237.0900, 8.2540,
-6.4180


■ 217.5400, 49.5240,
-38.5080

■ 241.0000, -0.0000,
-0.0000


■ 213.6300, 57.7780,
-44.9260


■ 243.7700, -5.0440,
3.3080

 209.7200, 66.0320,
-51.3440


 244.9440, -5.5940,
2.2620

 205.6960, 74.6070,
-58.0730

 246.1180, -6.1440,
1.2160

 201.7860, 82.8610,
-64.4910

 247.2920, -6.6940,
0.1700

 248.4660, -7.2440,
-0.8760

 249.6400, -7.7940,
-1.9220

Harmonies

Analogous

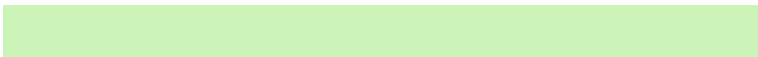
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



227.2270, 35.4890, -9.9110



229.2700, 24.7620, -19.2540



225.3140, -4.9010, -26.8290

Triad

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



229.2700, 24.7620, -19.2540



215.6090, -68.4030, -21.3550



228.8300, 13.0630, 22.0790

Complementary

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



229.2700, 24.7620, -19.2540



180.7300, -24.7620, 19.2540

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.



233.8680, 9.9000, 18.8280



229.2700, 24.7620, -19.2540



220.4700, -48.5980, -11.3340

Square

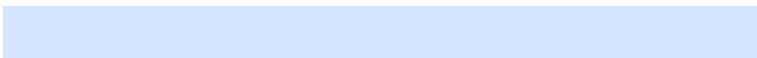
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



229.2700, 24.7620, -19.2540



217.2410, -64.5510, -25.0870



227.7670, -18.1570, 4.1710



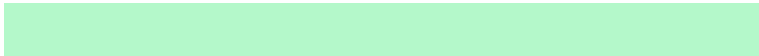
223.8940, 24.2060, 12.8620

Rectangle

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



229.2700, 24.7620, -19.2540



222.4240, -25.7620, -28.7220



227.7670, -18.1570, 4.1710



230.3460, 11.5500, 21.9660

Sweetspot

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



229.2700, 24.7620, -19.2540



251.2040, 7.9330, -6.1070



191.2120, 40.9860, 17.1300



125.1160, 5.3650, -3.6190



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

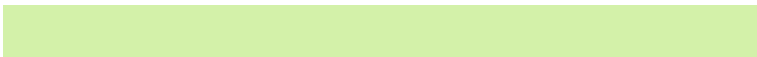
The Same Dimension uses a secret algorithm to generate beautiful new colors.



229.2700, 24.7620, -19.2540



239.8160, 31.7320, -24.4280



223.8220, 5.2320, -28.7520



118.0450, 4.1270, -3.2090



153.6320, 63.4640, -48.8560



46.6810, 19.3510, -14.8010

Inverse Universe

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



180.7300, -24.7620, 19.2540



178.1840, -31.7320, 24.4280



186.1780, -5.2320, 28.7520



109.9550, -4.1270, 3.2090



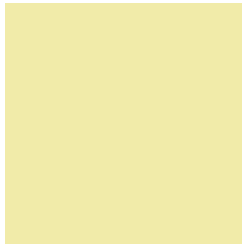
29.7810, -63.1890, 49.3790



9.3190, -19.3510, 14.8010

Previews

White Background



This preview shows how the YIQ color 229.2700, 24.7620, -19.2540 looks on a white background.

Color Contrast Check

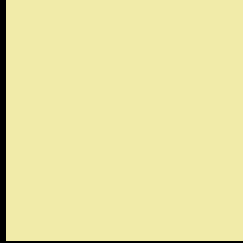
Large Text (above 18pt) WCAG AA × Fail

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 229.2700, 24.7620, -19.2540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

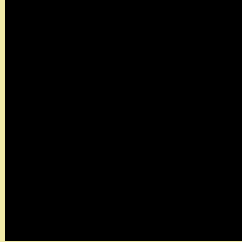
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

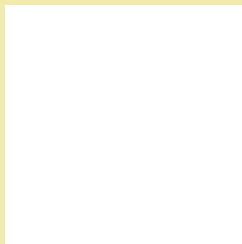
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 229.2700, 24.7620, -19.2540

Background



This preview shows how black text looks on a background with the YIQ color 229.2700, 24.7620, -19.2540.



This preview shows how white text looks on a background with the YIQ color 229.2700, 24.7620,

-19.2540.

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

229.2700, 24.7620, -19.2540

Protanopia

230.0860, 31.2720, -16.0880

Deuteranopia

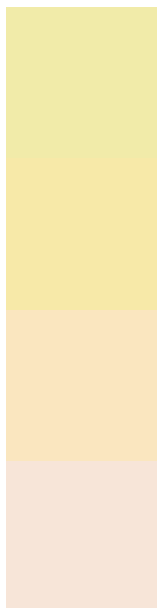
232.7500, 24.0710, -1.2170



Tritanopia

234.5270, 9.1220, 10.8980

Trichromacy



Original Color

229.2700, 24.7620, -19.2540

Protanomaly

229.7760, 29.2090, -17.2470

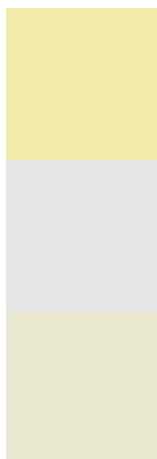
Deuteranomaly

231.5340, 24.4390, -7.8890

Tritanomaly

232.9000, 14.9010, -0.2270

Monochromacy



Original Color

229.2700, 24.7620, -19.2540

Achromatopsia

229.0000, -0.0000, -0.0000

Achromatomaly

228.8620, 8.8960, -7.0400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 229.2700, 24.7620, -19.2540 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(241, 235, 169)` looks like.

```
.text, #text, p{  
    color:rgb(241, 235, 169)  
}
```

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(241, 235, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 235, 169) }
```

Border

The CSS property to change the border of an element to YIQ 229.2700, 24.7620, -19.2540 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(241, 235, 169) }
```


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

```
.border{ border-color:rgb(241, 235, 169) }
```

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

Here you see how a box with a 4 pixel rgb(241, 235, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 235, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 235, 169);  
box-shadow:4px 4px 4px 4px rgb(241, 235,  
169) }
```

Background

The CSS property to change the background color of an element to YIQ 229.2700, 24.7620, -19.2540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 235, 169) }
```

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

```
.background{ background-color: rgb(241,  
235, 169) }
```

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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