

Converting Colors

YIQ(227.7090, 4.9530, -7.1670)

Have a look what the booklet for
YIQ(227.7090, 4.9530, -7.1670)
contains.

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Color

**YIQ(227.7090, 4.9530,
-7.1670)**

Conversions

Conversions Part 1

Format	Color
Hex	E4E7D2
RGB	228, 231, 210
RGB Percent	89%, 91%, 82%
CMY	0.1059, 0.0941, 0.1764
CMYK	0.01, 0.00, 0.09, 0.09
HSL	69°, 30%, 86%
HSV	69°, 9%, 91%
XYZ	72.2035, 78.2992, 72.2865
YIQ	227.7090, 4.9530, -7.1670

Conversions

Conversions Part 2

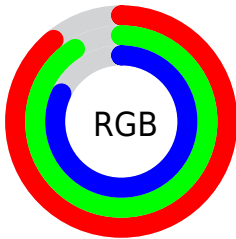
Format	Color
R_{YB}	210, 231, 213
Decimal	15001554
CIE Lab	90.92, -4.62, 9.87
CIE LCh	91, 10.895, 115.112
Yxy	78.2992, 0.3241, 0.3514
Android (android.graphics.Color)	4293191634 (0xFFE4E7D2)
YUV	227.7090, -8.7305, 0.2552
Hunter-Lab	88.4869, -9.1995, 13.5057

Details

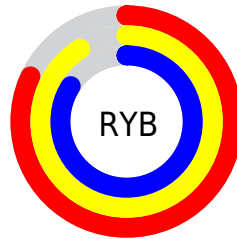
The YIQ color $227.7090, 4.9530, -7.1670$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $213.2910, -4.9530, 7.1670$, and the grayscale version is $228.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $172.2360, 4.9070, -6.3330$ is the 20% darker color. If you saturate the color by 10%, you get $224.1900, 10.5480, -14.9560$, and if you desaturate by 10%, it is $231.2280, -0.6420, 0.6220$.

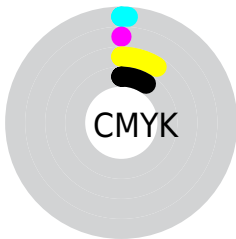
Distribution



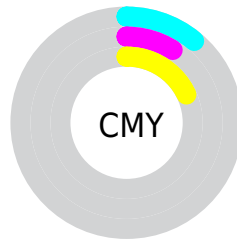
- Red (89%)
- Green (91%)
- Blue (82%)



- Red (82%)
- Yellow (91%)
- Blue (84%)



- Cyan (1%)
- Magenta (0%)
- Yellow (9%)
- Black (9%)



- Cyan (11%)
- Magenta (9%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 227.7090, 4.9530, -7.1670 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 227.7090, 4.9530, -7.1670 by changing the saturation by 10% instead.

■ 227.7090, 4.9530,
-7.1670

■ 227.7090, 4.9530,
-7.1670

255.0000, -0.0000,
-0.0000

■ 199.7090, 4.9530,
-7.1670

■ 172.2360, 4.9070,
-6.3330

■ 145.9370, 4.3110,
-6.5450

■ 119.9370, 4.3110,
-6.5450

■ 95.0510, 3.9900,
-6.2340

■ 71.4640, 4.2650,
-5.7110

■ 49.2790, 3.3480,

-5.6120

■ 28.2790, 3.3480,
-5.6120

■ 3.5220, -1.6500,
-3.1380

■ 227.7090, 4.9530,
-7.1670

■ 227.7090, 4.9530,
-7.1670

■ 224.1900, 10.5480,
-14.9560

■ 231.2280, -0.6420,
0.6220

■ 220.3720, 15.5470,
-22.9570

■ 234.9320, -5.3200,
8.3120

■ 216.8530, 21.1420,
-30.7460

■ 235.8290, -3.5320,
8.9480

■ 213.3340, 26.7370,
-38.5350

■ 236.7260, -1.7440,
9.5840

■ 209.5160, 31.7360,
-46.5360

■ 237.9220, 0.6400,
10.4320

■ 205.8830, 37.6520,
-54.6360

■ 238.8190, 2.4280,
11.0680

■ 202.3640, 43.2470,
-62.4250

■ 239.7160, 4.2160,
11.7040

■ 198.5460, 48.2460,
-70.4260

■ 240.6130, 6.0040,
12.3400

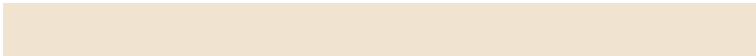
■ 195.0270, 53.8410,
-78.2150

■ 240.9120, 6.6000,
12.5520

Harmonies

Analogous

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



229.3080, 13.5720, -3.6760



227.7090, 4.9530, -7.1670



226.6800, -5.2710, -9.1030

Triad

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



227.7090, 4.9530, -7.1670



226.7080, -19.6690, -1.4690



231.0990, 13.2030, 8.5230

Complementary

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



227.7090, 4.9530, -7.1670



213.2910, -4.9530, 7.1670

Split Complementary

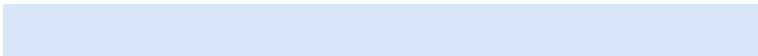
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



231.0210, 4.6750, 8.8910



227.7090, 4.9530, -7.1670



227.9800, -14.4430, 2.9410

Square

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



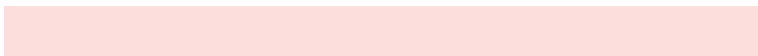
227.7090, 4.9530, -7.1670



225.6600, -19.7140, -6.1620



229.9920, -5.5490, 6.9550



230.8560, 18.2010, 6.0490

Rectangle

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



227.7090, 4.9530, -7.1670



225.8580, -11.6440, -9.2440



229.9920, -5.5490, 6.9550



230.9570, 10.7270, 9.3430

Sweetspot

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



227.7090, 4.9530, -7.1670



253.7890, 1.9720, -2.7000



218.0400, 11.6910, 2.8830



127.0170, 1.3300, -2.0780



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

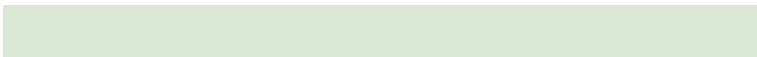
The Same Dimension uses a secret algorithm to generate beautiful new colors.



227.7090, 4.9530, -7.1670



250.6120, 6.6040, -9.5560



224.7190, -1.0070, -9.2870



113.0340, 2.6600, -4.1560



150.8200, 41.9630, -61.1810



43.0930, 12.1990, -17.3450

Inverse Universe

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



213.2910, -4.9530, 7.1670



231.3880, -6.6040, 9.5560



216.2810, 1.0070, 9.2870



104.9660, -2.6600, 4.1560



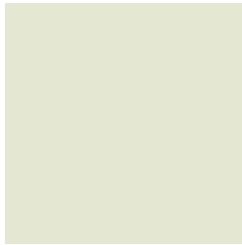
28.1800, -41.9630, 61.1810



7.9070, -12.1990, 17.3450

Previews

White Background



This preview shows how the YIQ color 227.7090, 4.9530, -7.1670 looks on a white background.

Color Contrast Check

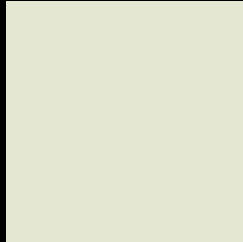
Large Text (above 18pt) WCAG AA × Fail

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 227.7090, 4.9530, -7.1670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

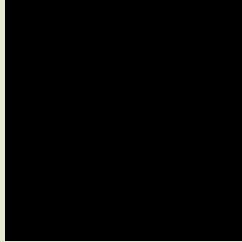
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

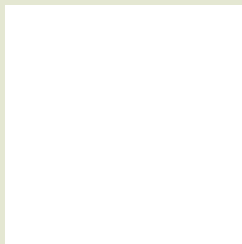
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 227.7090, 4.9530, -7.1670

Background



This preview shows how black text looks on a background with the YIQ color 227.7090, 4.9530, -7.1670.



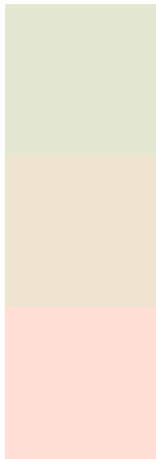
This preview shows how white text looks on a background with the YIQ color 227.7090, 4.9530,

-7.1670.

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

227.7090, 4.9530, -7.1670

Protanopia

228.7100, 12.3800, -4.1000

Deuteranopia

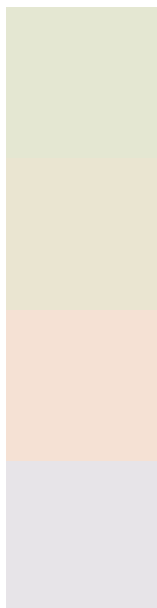
230.8410, 22.5570, 4.1970



Tritanopia

230.1450, -1.6060, 7.0820

Trichromacy



Original Color

227.7090, 4.9530, -7.1670

Protanomaly

228.2150, 9.4000, -5.1600

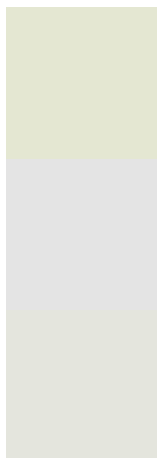
Deuteranomaly

229.4980, 16.0930, 0.1970

Tritanomaly

229.3530, 0.5040, 1.8800

Monochromacy



Original Color

227.7090, 4.9530, -7.1670

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

227.7890, 1.9720, -2.7000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 227.7090, 4.9530, -7.1670 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(228, 231, 210)` looks like.

```
.text, #text, p{  
    color:rgb(228, 231, 210)  
}
```

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(228, 231, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 231, 210) }
```

Border

The CSS property to change the border of an element to YIQ 227.7090, 4.9530, -7.1670 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(228, 231, 210) }
```


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

```
.border{ border-color:rgb(228, 231, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 231, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 231, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 231, 210);  
box-shadow:4px 4px 4px 4px rgb(228, 231,  
210) }
```

Background

The CSS property to change the background color of an element to YIQ 227.7090, 4.9530, -7.1670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 231, 210) }
```

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

```
.background{ background-color: rgb(228,  
231, 210) }
```

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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