

Converting Colors

YIQ(222.2970, -6.2310,
-24.7510)

Have a look what the booklet for
YIQ(222.2970, -6.2310, -24.7510)
contains.

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Color

**YIQ(222.2970, -6.2310,
-24.7510)**

Conversions

Conversions Part 1

Format	Color
Hex	C9F0BB
RGB	201, 240, 187
RGB Percent	79%, 94%, 73%
CMY	0.2119, 0.0587, 0.2666
CMYK	0.16, 0.00, 0.22, 0.06
HSL	104°, 64%, 84%
HSV	104°, 22%, 94%
XYZ	64.2137, 78.3308, 58.7510
YIQ	222.2970, -6.2310, -24.7510

Conversions

Conversions Part 2

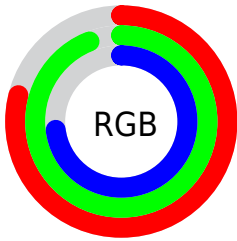
Format	Color
RYB	187, 240, 226
Decimal	13234363
CIELab	90.93, -22.18, 21.54
CIELCh	91, 30.915, 135.832
Yxy	78.3308, 0.3190, 0.3891
Android (android.graphics.Color)	4291424443 (0xFFC9F0BB)
YUV	222.2970, -17.4014, -18.6775
Hunter-Lab	88.5047, -25.3743, 22.5956

Details

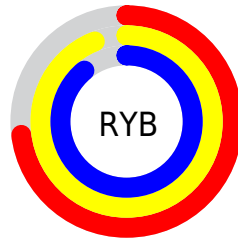
The YIQ color $222.2970, -6.2310, -24.7510$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $204.7030, 6.2310, 24.7510$, and the grayscale version is $222.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $253.6320, 3.8520, -3.7320$, and $166.9380, -6.5980, -23.6060$ is the 20% darker color. If you saturate the color by 10%, you get $214.1790, -9.2550, -36.0310$, and if you desaturate by 10%, it is $230.4150, -3.2070, -13.4710$.

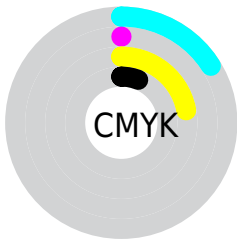
Distribution



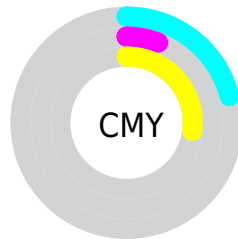
- Red (79%)
- Green (94%)
- Blue (73%)



- Red (73%)
- Yellow (94%)
- Blue (89%)



- Cyan (16%)
- Magenta (0%)
- Yellow (22%)
- Black (6%)




- Cyan (21%)
- Magenta (6%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 222.2970, -6.2310, -24.7510 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 222.2970, -6.2310, -24.7510 by changing the saturation by 10% instead.


 222.2970, -6.2310,
-24.7510


 222.2970, -6.2310,
-24.7510

255.0000, -0.0000,
-0.0000


 194.4110, -6.5520,
-24.4400


 253.6320, 3.8520,
-3.7320

 166.9380, -6.5980,
-23.6060

 140.3510, -6.3230,
-23.0830

 114.8780, -6.3690,
-22.2490

 89.4050, -6.4150,
-21.4150

 65.9320, -6.4610,
-20.5810

 42.7470, -7.3780,

-20.4820

■ 21.7300, -8.7080,
-18.4040

■ 3.5220, -1.6500,
-3.1380

■ 222.2970, -6.2310,
-24.7510

■ 222.2970, -6.2310,
-24.7510

■ 214.1790, -9.2550,
-36.0310

■ 230.4150, -3.2070,
-13.4710

■ 206.3600,
-11.6830, -47.0990

■ 238.2340, -0.7790,
-2.4030

■ 198.2420,
-14.7070, -58.3790

■ 245.8960, 3.5290,
7.6330

■ 190.1240,
-17.7310, -69.6590

■ 246.1950, 4.1250,
7.8450

■ 182.3050,
-20.1590, -80.7270

■ 174.1870,
-23.1830, -92.0070

■ 166.0690,
-26.2070, -103.2870

■ 159.7170,
-28.4520, -112.1640

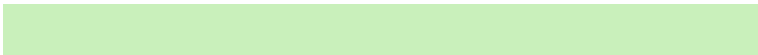
Harmonies

Analogous

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



226.0570, 21.0480, -18.0240



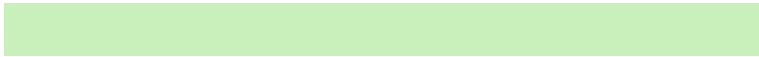
222.2970, -6.2310, -24.7510



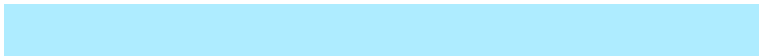
218.4430, -35.9410, -25.9650

Triad

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



222.2970, -6.2310, -24.7510



219.6280, -43.0510, -7.2350



222.7370, 26.0860, 11.8300

Complementary

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



222.2970, -6.2310, -24.7510



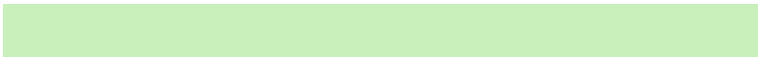
204.7030, 6.2310, 24.7510

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.



226.7440, 16.1810, 20.6370



222.2970, -6.2310, -24.7510



226.0170, -15.8650, 6.6870

Square

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



222.2970, -6.2310, -24.7510



215.3650, -61.6640, -16.8320



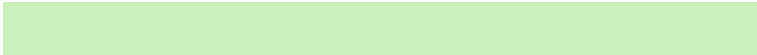
231.5090, 9.5330, 19.9730



222.7080, 33.0570, 1.1290

Rectangle

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



222.2970, -6.2310, -24.7510



216.2270, -52.7680, -23.8720



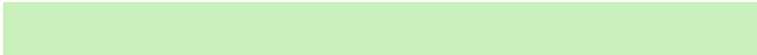
231.5090, 9.5330, 19.9730



223.2900, 23.1510, 15.4630

Sweetspot

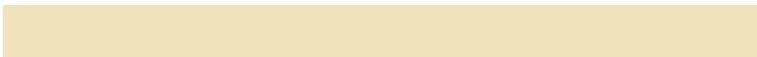
The Sweet Spot groups the original color and five complimentary colors.



222.2970, -6.2310, -24.7510



249.0610, -1.9700, -8.3540



225.7400, 20.8630, -9.1610



124.3540, -1.2370, -5.1170



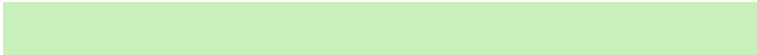
0.0000, 0.0000, 0.0000



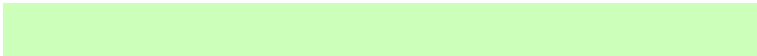
128.0000, -0.0000, -0.0000

Same Dimension

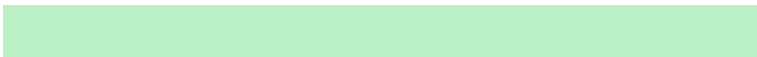
The Same Dimension uses a secret algorithm to generate beautiful new colors.



222.2970, -6.2310, -24.7510



231.8850, -8.2470, -32.2710



219.4790, -18.4270, -23.9870



115.9410, -1.5120, -5.6400



122.3600, -21.9920, -86.0560



37.3570, -6.4600, -26.1080

Inverse Universe

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



204.7030, 6.2310, 24.7510



209.1150, 8.2470, 32.2710



207.5210, 18.4270, 23.9870



112.0590, 1.5120, 5.6400



61.3410, 21.3960, 85.8440



18.6430, 6.4600, 26.1080

Previews

White Background



This preview shows how the YIQ color 222.2970, -6.2310, -24.7510 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 222.2970, -6.2310, -24.7510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

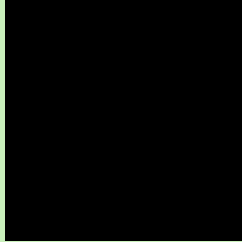
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

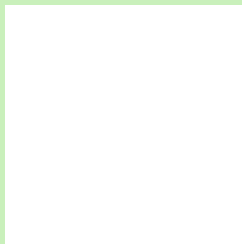
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 222.2970, -6.2310, -24.7510

Background



This preview shows how black text looks on a background with the YIQ color 222.2970, -6.2310, -24.7510.



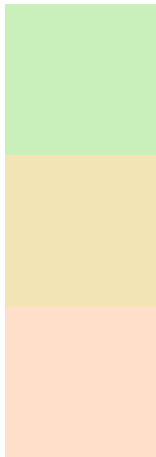
This preview shows how white text looks on a background with the YIQ color 222.2970, -6.2310, -24.7510.

-24.7510.

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

222.2970, -6.2310, -24.7510

Protanopia

227.1270, 24.0270, -11.4370

Deuteranopia

229.5870, 26.0880, 0.7760



Tritanopia

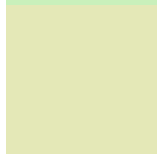
227.7730, -18.2940, 1.1460

Trichromacy



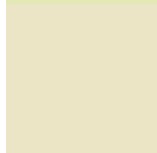
Original Color

222.2970, -6.2310, -24.7510



Protanomaly

225.2180, 13.3450, -16.0870



Deuteranomaly

227.1460, 13.8480, -8.6800



Tritanomaly

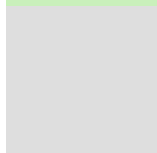
225.7160, -14.1200, -8.4240

Monochromacy



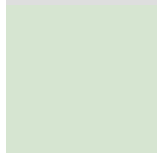
Original Color

222.2970, -6.2310, -24.7510



Achromatopsia

222.0000, -0.0000, 0.0000



Achromatomaly

222.2350, -2.5200, -9.4000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 222.2970, -6.2310, -24.7510 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(201, 240, 187)` looks like.

```
.text, #text, p{  
    color:rgb(201, 240, 187)  
}
```

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(201, 240, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 240, 187) }
```

Border

The CSS property to change the border of an element to YIQ 222.2970, -6.2310, -24.7510 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(201, 240, 187) }
```


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

```
.border{ border-color:rgb(201, 240, 187) }
```

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

Here you see how a box with a 4 pixel rgb(201, 240, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 240, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 240, 187);  
box-shadow:4px 4px 4px 4px rgb(201, 240,  
187) }
```

Background

The CSS property to change the background color of an element to YIQ 222.2970, -6.2310, -24.7510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 240, 187) }
```

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

```
.background{ background-color: rgb(201,  
240, 187) }
```

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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