

Converting Colors

YIQ(242.2970, -5.0900, 4.1420)

Have a look what the booklet for
YIQ(242.2970, -5.0900, 4.1420)
contains.

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Color

**YIQ(242.2970, -5.0900,
4.1420)**

Conversions

Conversions Part 1

Format	Color
Hex	F0F1FF
RGB	240, 241, 255
RGB Percent	94%, 95%, 100%
CMY	0.0588, 0.0549, 0.0000
CMYK	0.06, 0.05, 0.00, 0.00
HSL	236°, 100%, 97%
HSV	236°, 6%, 100%
XYZ	85.4399, 88.6559, 107.2102
YIQ	242.2970, -5.0900, 4.1420

Conversions

Conversions Part 2

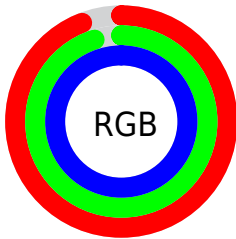
Format	Color
R _Y B	240, 241, 255
Decimal	15790591
CIE Lab	95.44, 2.22, -6.84
CIE LCh	95, 7.191, 288.004
Yxy	88.6559, 0.3037, 0.3152
Android (android.graphics.Color)	4293980671 (0xFFFF0F1FF)
YUV	242.2970, 6.2626, -2.0145
Hunter-Lab	94.1573, -2.8013, -1.5992

Details

The YIQ color $242.2970, -5.0900, 4.1420$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $252.7030, 5.0900, -4.1420$, and the grayscale version is $242.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $186.1830, -4.7690, 3.8310$ is the 20% darker color. If you saturate the color by 10%, you get $220.7340, -13.3900, 11.3940$, and if you desaturate by 10%, it is $255.0000, -0.0000, -0.0000$.

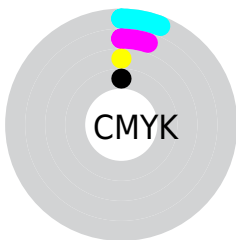
Distribution



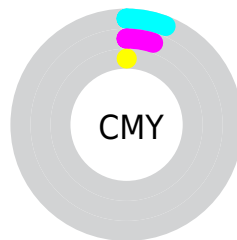
- Red (94%)
- Green (95%)
- Blue (100%)



- Red (94%)
- Yellow (95%)
- Blue (100%)



- Cyan (6%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (6%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 242.2970, -5.0900, 4.1420 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 242.2970, -5.0900, 4.1420 by changing the saturation by 10% instead.

■ 242.2970, -5.0900,
4.1420

■ 242.2970, -5.0900,
4.1420

255.0000, -0.0000,
-0.0000

■ 214.1830, -4.7690,
3.8310

■ 186.1830, -4.7690,
3.8310

■ 159.1830, -4.7690,
3.8310

■ 133.1830, -4.7690,
3.8310

■ 108.0690, -4.4480,
3.5200

■ 83.9550, -4.1270,
3.2090

■ 60.9550, -4.1270,

3.2090

■ 38.8410, -3.8060,
2.8980

■ 17.8410, -3.8060,
2.8980

■ 242.2970, -5.0900,
4.1420

■ 242.2970, -5.0900,
4.1420

■ 220.7340,
-13.3900, 11.3940

255.0000, -0.0000,
-0.0000

■ 198.8720,
-22.2860, 18.4340

■ 177.8960,
-30.8610, 25.1630

■ 156.0340,
-39.7570, 32.2030

■ 134.4710,
-48.0570, 39.4550

■ 112.6090,
-56.9530, 46.4950

■ 91.0460, -65.2530,
53.7470

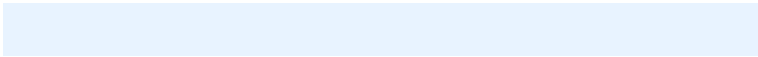
■ 69.7710, -74.4240,
60.2640

■ 48.2080, -82.7240,
67.5160

Harmonies

Analogous

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



241.0790, -10.4080, 1.4000



242.2970, -5.0900, 4.1420



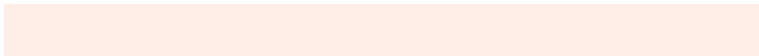
243.0590, 1.5120, 5.6400

Triad

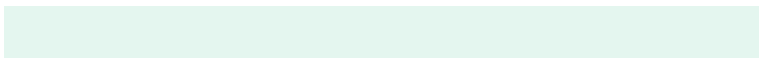
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



242.2970, -5.0900, 4.1420



242.3990, 12.0580, 1.7380



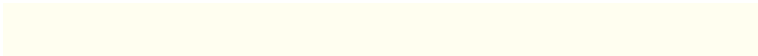
239.8200, -8.4810, -5.9930

Complementary

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



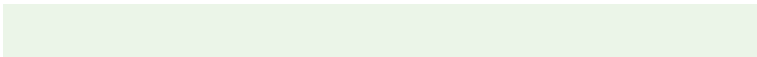
242.2970, -5.0900, 4.1420



252.7030, 5.0900, -4.1420

Split Complementary

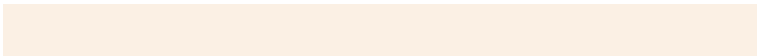
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



240.5280, -1.7870, -6.1630



242.2970, -5.0900, 4.1420



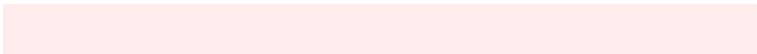
241.9210, 10.4080, -1.4000

Square

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



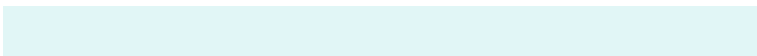
242.2970, -5.0900, 4.1420



242.4960, 10.4070, 4.1270



241.4040, 4.4940, -4.3540



239.7210, -12.5160, -4.4520

Rectangle

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



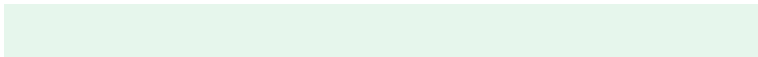
242.2970, -5.0900, 4.1420



243.5110, 6.0510, 5.9790



241.4040, 4.4940, -4.3540



240.0760, -6.3260, -6.5020

Sweetspot

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



242.2970, -5.0900, 4.1420



250.5700, -1.6050, 1.5550



250.4010, -8.6190, -3.4910



125.3420, -0.9630, 0.9330



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.



242.2970, -5.0900, 4.1420



239.6390, -6.0530, 5.0750



243.5040, -1.2390, 5.9370



118.8410, -3.8060, 2.8980



29.4050, -64.8860, 52.6020



9.6440, -21.6440, 17.8120

Inverse Universe

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



244.5990, 8.6190, 3.4910



242.4960, 10.4070, 4.1270



251.4960, 1.2390, -5.9370



120.4030, 6.2350, 2.6430



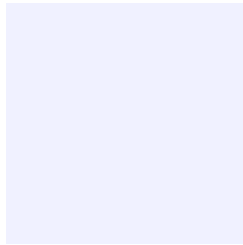
58.5910, 109.6630, 44.5350



19.5920, 36.8600, 14.8120

Previews

White Background



This preview shows how the YIQ color 242.2970, -5.0900, 4.1420 looks on a white background.

Color Contrast Check

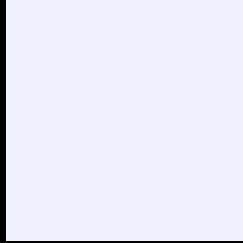
Large Text (above 18pt) WCAG AA × Fail

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 242.2970, -5.0900, 4.1420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

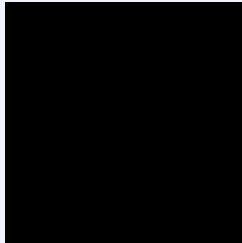
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 242.2970, -5.0900, 4.1420

Background



This preview shows how black text looks on a background with the YIQ color 242.2970, -5.0900, 4.1420.



This preview shows how white text looks on a background with the YIQ color 242.2970, -5.0900,

4.1420.

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

242.2970, -5.0900, 4.1420

Protanopia

242.3080, -3.6230, 5.0890

Deuteranopia

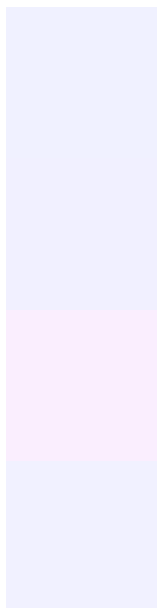
243.6190, 5.8670, 9.3150



Tritanopia

242.5960, -4.4940, 4.3540

Trichromacy



Original Color

242.2970, -5.0900, 4.1420

Protanomaly

242.0090, -4.2190, 4.8770

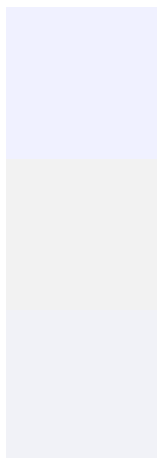
Deuteranomaly

243.4120, 2.0160, 7.5200

Tritanomaly

242.5960, -4.4940, 4.3540

Monochromacy



Original Color

242.2970, -5.0900, 4.1420

Achromatopsia

242.0000, -0.0000, 0.0000

Achromatomaly

242.2710, -2.2010, 1.3430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 242.2970, -5.0900, 4.1420 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(240, 241, 255)` looks like.

```
.text, #text, p{  
    color:rgb(240, 241, 255)  
}
```

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(240, 241, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 241, 255) }
```

Border

The CSS property to change the border of an element to YIQ 242.2970, -5.0900, 4.1420 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(240, 241, 255) }
```


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

```
.border{ border-color:rgb(240, 241, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 241, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 241, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 241, 255);  
box-shadow:4px 4px 4px 4px rgb(240, 241,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 242.2970, -5.0900, 4.1420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 241, 255) }
```

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

```
.background{ background-color: rgb(240,  
241, 255) }
```

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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