

Converting Colors

YIQ(249.7020, -2.3370, -7.2090)

Have a look what the booklet for
YIQ(249.7020, -2.3370, -7.2090)
contains.

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Color

**YIQ(249.7020, -2.3370,
-7.2090)**

Conversions

Conversions Part 1

Format	Color
Hex	F3FFF0
RGB	243, 255, 240
RGB Percent	95%, 100%, 94%
CMY	0.0471, 0.0000, 0.0588
CMYK	0.05, 0.00, 0.06, 0.00
HSL	108°, 100%, 97%
HSV	108°, 6%, 100%
XYZ	88.4471, 96.8643, 96.4736
YIQ	249.7020, -2.3370, -7.2090

Conversions

Conversions Part 2

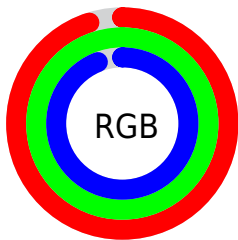
Format	Color
R_{YB}	240, 255, 252
Decimal	15990768
CIE _{Lab}	98.77, -6.57, 5.79
CIE _{LCh}	99, 8.760, 138.593
Yxy	96.8643, 0.3139, 0.3438
Android (android.graphics.Color)	4294180848 (0xFFFF3FFF0)
YUV	249.7020, -4.7831, -5.8777
Hunter-Lab	98.4196, -11.8213, 10.7761

Details

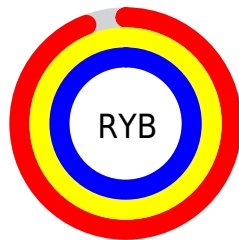
The YIQ color 249.7020, -2.3370, -7.2090 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 245.2980, 2.3370, 7.2090, and the grayscale version is 250.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 255.0000, -0.0000, -0.0000, and 193.1150, -2.0620, -6.6860 is the 20% darker color. If you saturate the color by 10%, you get 240.8720, -6.2320, -19.2240, and if you desaturate by 10%, it is 255.0000, -0.0000, -0.0000.

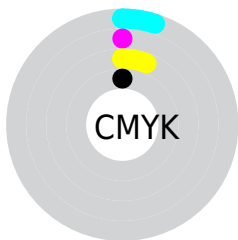
Distribution



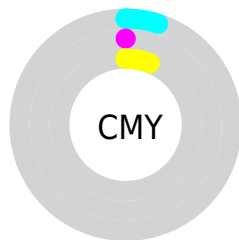
- Red (95%)
- Green (100%)
- Blue (94%)



- Red (94%)
- Yellow (100%)
- Blue (99%)



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





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

Brightness & Saturation Gradients


These gradients show how the YIQ color 249.7020, -2.3370, -7.2090 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 249.7020, -2.3370, -7.2090 by changing the saturation by 10% instead.


 249.7020, -2.3370,
-7.2090


 249.7020, -2.3370,
-7.2090

255.0000, -0.0000,
-0.0000


 221.1150, -2.0620,
-6.6860

 193.1150, -2.0620,
-6.6860

 166.1150, -2.0620,
-6.6860

 140.1150, -2.0620,
-6.6860

 114.2290, -2.3830,
-6.3750

 89.6420, -2.1080,
-5.8520

 66.6420, -2.1080,

-5.8520

■ 44.0550, -1.8330,
-5.3290

■ 23.3540, -1.2370,
-5.1170

■ 249.7020, -2.3370,
-7.2090

■ 249.7020, -2.3370,
-7.2090

■ 240.8720, -6.2320,
-19.2240

255.0000, -0.0000,
-0.0000

■ 231.6290,
-10.4020, -31.7620

■ 222.7990,
-14.2970, -43.7770

■ 213.5560,
-18.4670, -56.3150

■ 204.7260,
-22.3620, -68.3300

■ 195.4830,
-26.5320, -80.8680

■ 186.6530,
-30.4270, -92.8830

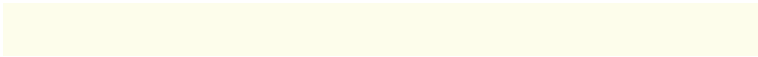
■ 177.7090,
-34.0010, -105.2090

■ 168.5800,
-38.4920, -117.4360

Harmonies

Analogous

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



250.9480, 5.7780, -5.5980



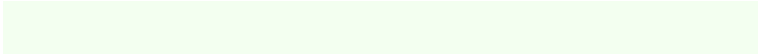
249.7020, -2.3370, -7.2090



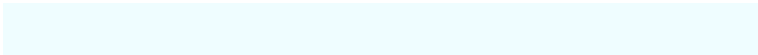
248.2220, -9.6730, -6.4170

Triad

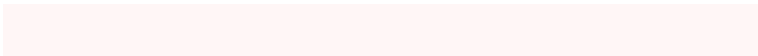
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



249.7020, -2.3370, -7.2090



249.0420, -8.9860, -2.3460



248.6910, 5.3640, 1.9080

Complementary

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



249.7020, -2.3370, -7.2090



245.2980, 2.3370, 7.2090

Split Complementary

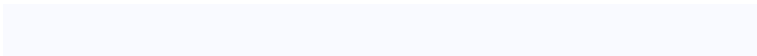
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



249.7170, 2.4750, 4.7070



249.7020, -2.3370, -7.2090



250.2710, -2.2010, 1.3430

Square

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



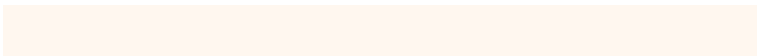
249.7020, -2.3370, -7.2090



248.4220, -13.1120, -4.6640



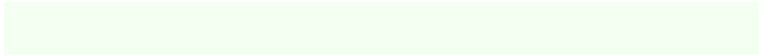
250.8910, 1.9250, 3.6610



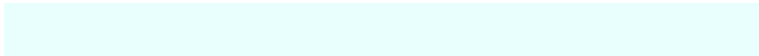
248.4800, 7.3360, -0.7920

Rectangle

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



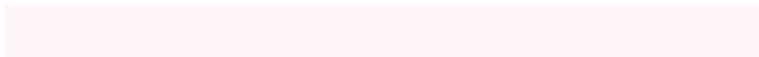
249.7020, -2.3370, -7.2090



248.0090, -13.3870, -5.1870



250.8910, 1.9250, 3.6610



249.0330, 4.4010, 2.8410

Sweetspot

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



249.7020, -2.3370, -7.2090



253.2340, -0.7790, -2.4030



251.5290, 5.6400, -3.0960



126.7610, -0.8250, -1.5690



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.



249.7020, -2.3370, -7.2090



248.7620, -2.5660, -8.5660



249.3750, -5.7300, -6.2900



124.0550, -1.8330, -5.3290



123.4790, -29.8770, -91.8370



41.4550, -9.8520, -30.7160

Inverse Universe

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



245.2980, 2.3370, 7.2090



243.2380, 2.5660, 8.5660



245.7390, 5.4090, 6.6010



120.6460, 1.2370, 5.1170



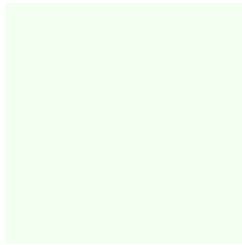
67.5210, 29.8770, 91.8370



22.5450, 9.8520, 30.7160

Previews

White Background



This preview shows how the YIQ color 249.7020, -2.3370, -7.2090 looks on a white background.

Color Contrast Check

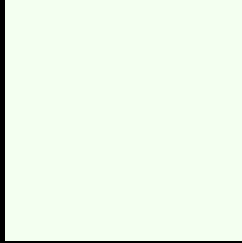
Large Text (above 18pt) WCAG AA × Fail

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 249.7020, -2.3370, -7.2090 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

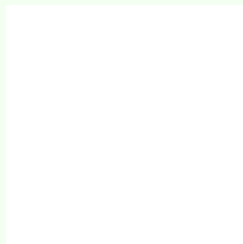
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 249.7020, -2.3370, -7.2090

Background



This preview shows how black text looks on a background with the YIQ color 249.7020, -2.3370, -7.2090.



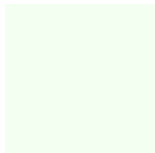
This preview shows how white text looks on a background with the YIQ color 249.7020, -2.3370, -7.2090.

-7.290.

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

249.7020, -2.3370, -7.2090



Protanopia

251.5120, 4.3100, -1.0180

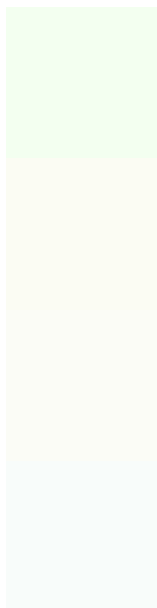
Deuteranopia

251.4950, 2.9800, 1.0600

Tritanopia

251.4560, -1.2840, 1.2440

Trichromacy



Original Color

249.7020, -2.3370, -7.2090

Protanomaly

250.6750, 2.2930, -3.0110

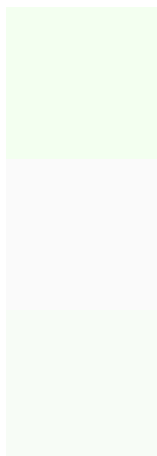
Deuteranomaly

251.0170, 1.3300, -2.0780

Tritanomaly

250.5760, -1.7420, -1.4700

Monochromacy



Original Color

249.7020, -2.3370, -7.2090

Achromatopsia

250.0000, 0.0000, 0.0000

Achromatomaly

249.8210, -1.0540, -2.9260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 249.7020, -2.3370, -7.2090 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(243, 255, 240)` looks like.

```
.text, #text, p{  
    color:rgb(243, 255, 240)  
}
```

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(243, 255, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 255, 240) }
```

Border

The CSS property to change the border of an element to YIQ 249.7020, -2.3370, -7.2090 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(243, 255, 240) }
```


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

```
.border{ border-color:rgb(243, 255, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 255, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 255, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 255, 240);  
box-shadow:4px 4px 4px 4px rgb(243, 255,  
240) }
```

Background

The CSS property to change the background color of an element to YIQ 249.7020, -2.3370, -7.2090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 255, 240) }
```

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

```
.background{ background-color: rgb(243,  
255, 240) }
```

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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