

Converting Colors

YIQ(242.4960, 10.4070, 4.1270)

Have a look what the booklet for
YIQ(242.4960, 10.4070, 4.1270)
contains.

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Color

**YIQ(242.4960, 10.4070,
4.1270)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEDEE
RGB	255, 237, 238
RGB Percent	100%, 93%, 93%
CMY	0.0000, 0.0706, 0.0666
CMYK	0.00, 0.07, 0.07, 0.00
HSL	357°, 100%, 96%
HSV	357°, 7%, 100%
XYZ	86.9561, 87.9976, 93.2990
YIQ	242.4960, 10.4070, 4.1270

Conversions

Conversions Part 2

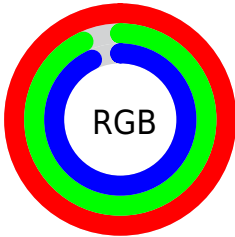
Format	Color
R _Y B	255, 237, 238
Decimal	16772590
CIE Lab	95.16, 6.25, 1.69
CIE LCh	95, 6.477, 15.144
Yxy	87.9976, 0.3242, 0.3280
Android (android.graphics.Color)	4294962670 (0xFFFFEDEE)
YUV	242.4960, -2.2165, 10.9660
Hunter-Lab	93.8071, 1.3014, 6.6960

Details

The YIQ color $242.4960, 10.4070, 4.1270$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $249.5040, -10.4070, -4.1270$, and the grayscale version is $243.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $186.1970, 9.8110, 3.9150$ is the 20% darker color. If you saturate the color by 10%, you get $224.4980, 25.2610, 10.2610$, and if you desaturate by 10%, it is $255.0000, -0.0000, -0.0000$.

Distribution



Red (100%)

Green (93%)

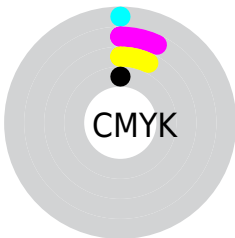
Blue (93%)



Red (100%)

Yellow (93%)

Blue (93%)



Cyan (0%)

Magenta (7%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (7%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 242.4960, 10.4070, 4.1270 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 242.4960, 10.4070, 4.1270 by changing the saturation by 10% instead.


 242.4960, 10.4070,
4.1270


 242.4960, 10.4070,
4.1270


255.0000, -0.0000,
-0.0000

 214.1970, 9.8110,
3.9150

 186.1970, 9.8110,
3.9150

 159.1970, 9.8110,
3.9150

 132.8980, 9.2150,
3.7030

 107.8980, 9.2150,
3.7030

 83.5990, 8.6190,
3.4910

 60.3000, 8.0230,

3.2790

■ 39.0010, 7.4270,
3.0670

■ 17.3000, 8.0230,
3.2790

■ 242.4960, 10.4070,
4.1270

■ 242.4960, 10.4070,
4.1270

■ 224.4980, 25.2610,
10.2610

255.0000, -0.0000,
-0.0000

■ 207.0870, 39.8400,
15.8720

■ 189.0890, 54.6940,
22.0060

■ 171.6780, 69.2730,
27.6170

■ 153.6800, 84.1270,
33.7510

■ 136.2690, 98.7060,
39.3620

■ 118.2710,
113.5600, 45.4960

■ 100.7460,
128.4600, 50.7960

■ 82.7480, 143.3140,
56.9300

Harmonies

Analogous

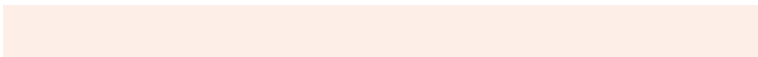
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



242.2830, 6.6930, 5.3570



242.4960, 10.4070, 4.1270



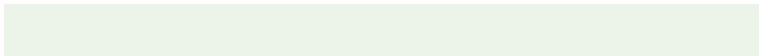
242.1000, 11.4620, 1.5260

Triad

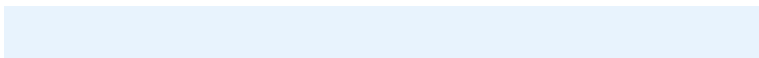
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



242.4960, 10.4070, 4.1270



239.6530, -0.6410, -4.9050



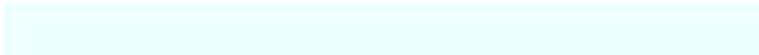
240.8510, -9.7660, 0.7780

Complementary

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



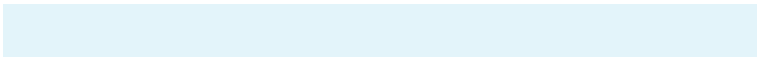
242.4960, 10.4070, 4.1270



249.5040, -10.4070, -4.1270

Split Complementary

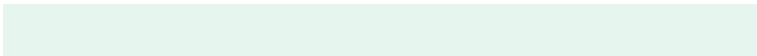
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



239.6010, -12.0580, -1.7380



242.4960, 10.4070, 4.1270



239.7170, -6.6930, -5.3570

Square

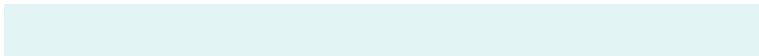
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



242.4960, 10.4070, 4.1270



240.8170, 4.7690, -3.8310



239.2050, -11.0030, -4.3390



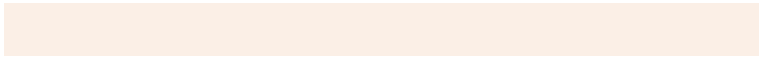
241.1830, -4.7690, 3.8310

Rectangle

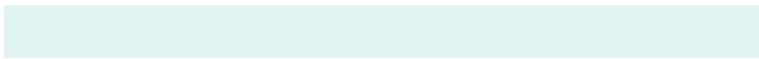
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



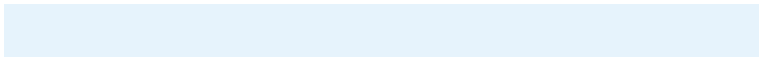
242.4960, 10.4070, 4.1270



241.5620, 10.0410, -0.2550



239.2050, -11.0030, -4.3390



240.1390, -10.6370, 0.0430

Sweetspot

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



242.4960, 10.4070, 4.1270



251.4950, 2.9800, 1.0600



244.1350, 4.3540, 9.2020



125.8970, 1.7880, 0.6360



0.0000, 0.0000, 0.0000



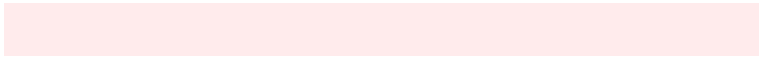
128.0000, -0.0000, -0.0000

Same Dimension

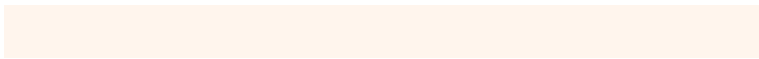
The Same Dimension uses a secret algorithm to generate beautiful new colors.



242.4960, 10.4070, 4.1270



241.0940, 11.5990, 4.5510



247.0780, 8.5280, -0.3680



118.8870, 7.7480, 2.7560



58.3630, 110.3050, 43.9130



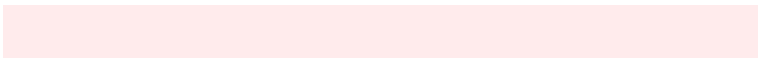
19.5920, 36.8600, 14.8120

Inverse Universe

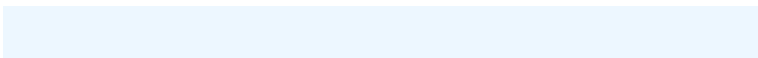
The Inverse Universe completely reimagines the original color for something new.



242.4960, 10.4070, 4.1270



241.0940, 11.5990, 4.5510



244.9220, -8.5280, 0.3680



118.8870, 7.7480, 2.7560



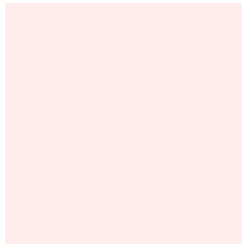
58.3630, 110.3050, 43.9130



19.5920, 36.8600, 14.8120

Previews

White Background



This preview shows how the YIQ color 242.4960, 10.4070, 4.1270 looks on a white background.

Color Contrast Check

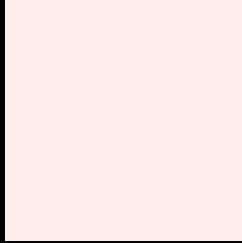
Large Text (above 18pt) WCAG AA × Fail

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 242.4960, 10.4070, 4.1270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

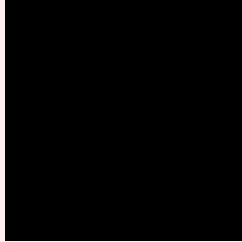
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

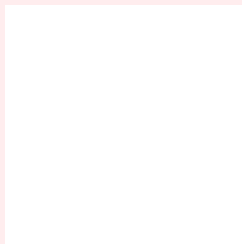
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 242.4960, 10.4070, 4.1270

Background



This preview shows how black text looks on a background with the YIQ color 242.4960, 10.4070, 4.1270.



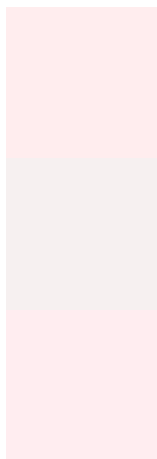
This preview shows how white text looks on a background with the YIQ color 242.4960, 10.4070,

4.1270.

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

242.4960, 10.4070, 4.1270

Protanopia

241.7940, 3.5760, 1.2720

Deuteranopia

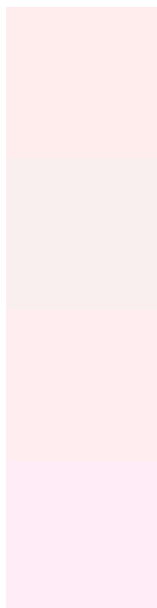
242.7240, 9.7650, 4.7490



Tritanopia

243.3910, 6.5090, 8.6930

Trichromacy



Original Color

242.4960, 10.4070, 4.1270

Protanomaly

241.9900, 5.9600, 2.1200

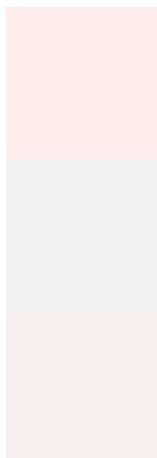
Deuteranomaly

242.6100, 10.0860, 4.4380

Tritanomaly

242.8210, 8.1140, 7.1380

Monochromacy



Original Color

242.4960, 10.4070, 4.1270

Achromatopsia

242.0000, -0.0000, 0.0000

Achromatomaly

242.2070, 3.8510, 1.7950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 242.4960, 10.4070, 4.1270 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(255, 237, 238)` looks like.

```
.text, #text, p{  
    color:rgb(255, 237, 238)  
}
```

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(255, 237, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 237, 238) }
```

Border

The CSS property to change the border of an element to YIQ 242.4960, 10.4070, 4.1270 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(255, 237, 238) }
```


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

```
.border{ border-color:rgb(255, 237, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 237, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 237, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 237, 238); box-shadow:4px 4px 4px 4px rgb(255, 237, 238) }
```

Background

The CSS property to change the background color of an element to YIQ 242.4960, 10.4070, 4.1270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 237, 238) }
```

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

```
.background{ background-color: rgb(255,  
237, 238) }
```

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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