

Converting Colors

YIQ(246.4130, 0.2750, 0.5230)

Have a look what the booklet for
YIQ(246.4130, 0.2750, 0.5230)
contains.

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Color

**YIQ(246.4130, 0.2750,
0.5230)**

Conversions

Conversions Part 1

Format	Color
Hex	F7F6F7
RGB	247, 246, 247
RGB Percent	97%, 96%, 97%
CMY	0.0314, 0.0353, 0.0314
CMYK	0.00, 0.00, 0.00, 0.03
HSL	300°, 6%, 97%
HSV	300°, 0%, 97%
XYZ	88.1022, 92.4010, 101.1874
YIQ	246.4130, 0.2750, 0.5230

Conversions

Conversions Part 2

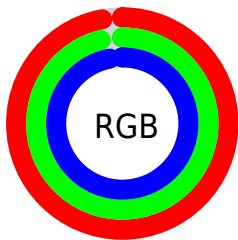
Format	Color
R _Y B	247, 246, 247
Decimal	16250615
CIE Lab	96.98, 0.51, -0.37
CIE LCh	97, 0.634, 324.006
Yxy	92.4010, 0.3128, 0.3280
Android (android.graphics.Color)	4294440695 (0xFF7F6F7)
YUV	246.4130, 0.2894, 0.5148
Hunter-Lab	96.1254, -4.6182, 4.8756

Details

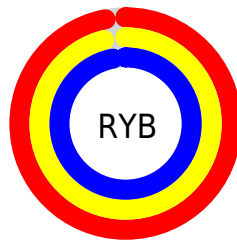
The YIQ color $246.4130, 0.2750, 0.5230$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $246.5870, -0.2750, -0.5230$, and the grayscale version is $246.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $190.4130, 0.2750, 0.5230$ is the 20% darker color. If you saturate the color by 10%, you get $231.7380, 7.1500, 13.5980$, and if you desaturate by 10%, it is $251.6960, -2.2000, -4.1840$.

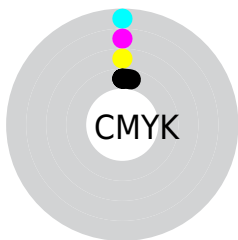
Distribution



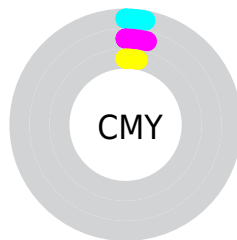
- Red (97%)
- Green (96%)
- Blue (97%)



- Red (97%)
- Yellow (96%)
- Blue (97%)



- Cyan (0%)
- Magenta (0%)
- Yellow (0%)
- Black (3%)



- Cyan (3%)
- Magenta (4%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 246.4130, 0.2750, 0.5230 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 246.4130, 0.2750, 0.5230 by changing the saturation by 10% instead.

 246.4130, 0.2750,
0.5230


 246.4130, 0.2750,
0.5230


255.0000, -0.0000,
-0.0000


 218.4130, 0.2750,
0.5230

 190.4130, 0.2750,
0.5230

 163.4130, 0.2750,
0.5230

 136.4130, 0.2750,
0.5230

 111.4130, 0.2750,
0.5230

 87.4130, 0.2750,
0.5230

 64.0000, -0.0000,

-0.0000

■ 42.0000, -0.0000,
-0.0000

■ 21.4130, 0.2750,
0.5230

■ 246.4130, 0.2750,
0.5230

■ 246.4130, 0.2750,
0.5230

■ 231.7380, 7.1500,
13.5980

■ 251.6960, -2.2000,
-4.1840

■ 217.6500, 13.7500,
26.1500

■ 202.9750, 20.6250,
39.2250

■ 188.3000, 27.5000,
52.3000

■ 174.2120, 34.1000,
64.8520

■ 159.5370, 40.9750,
77.9270

■ 144.8620, 47.8500,
91.0020

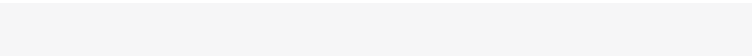
■ 130.1870, 54.7250,
104.0770

■ 116.0990, 61.3250,
116.6290

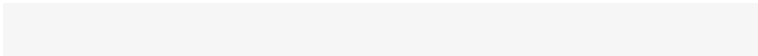
Harmonies

Analogous

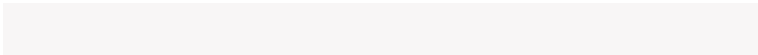
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



246.1140, -0.3210, 0.3110



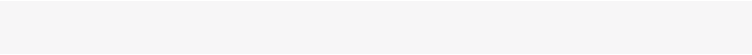
246.4130, 0.2750, 0.5230



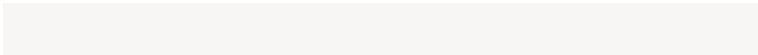
246.5980, 1.1920, 0.4240

Triad

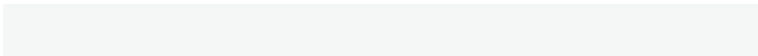
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



246.4130, 0.2750, 0.5230



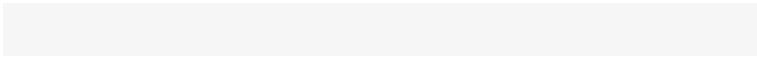
246.1850, 0.9170, -0.0990



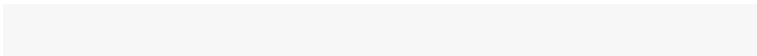
246.4020, -1.1920, -0.4240

Complementary

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



246.4130, 0.2750, 0.5230



246.5870, -0.2750, -0.5230

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.



246.2880, -0.8710, -0.7350



246.4130, 0.2750, 0.5230



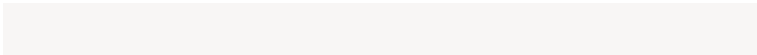
245.8860, 0.3210, -0.3110

Square

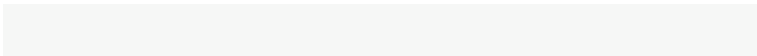
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



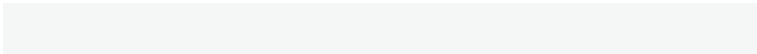
246.4130, 0.2750, 0.5230



246.4840, 1.5130, 0.1130



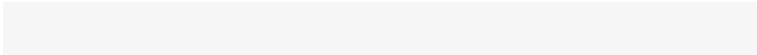
246.5870, -0.2750, -0.5230



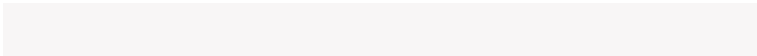
246.4020, -1.1920, -0.4240

Rectangle

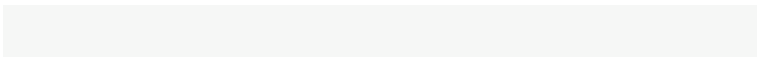
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



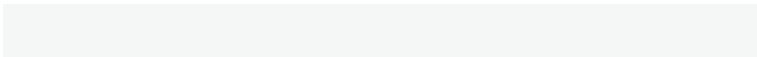
246.4130, 0.2750, 0.5230



246.5980, 1.1920, 0.4240



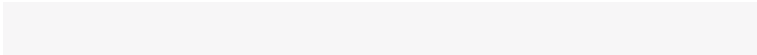
246.5870, -0.2750, -0.5230



246.4020, -1.1920, -0.4240

Sweetspot

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



246.4130, 0.2750, 0.5230

255.0000, -0.0000, -0.0000



246.1140, -0.3210, 0.3110



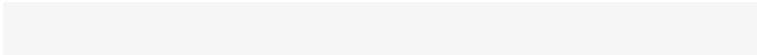
128.0000, -0.0000, -0.0000



0.0000, 0.0000, 0.0000

Same Dimension

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



246.4130, 0.2750, 0.5230

255.0000, -0.0000, -0.0000



122.0000, 0.0000, -0.0000



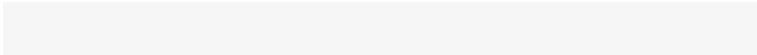
76.8180, 51.1500, 97.2780



24.3670, 16.2250, 30.8570

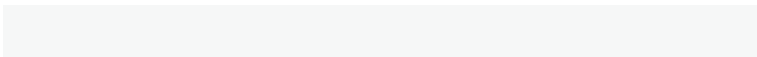
Inverse Universe

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



246.4130, 0.2750, 0.5230

255.0000, -0.0000, -0.0000



246.7010, -0.5960, -0.2120



122.0000, 0.0000, -0.0000



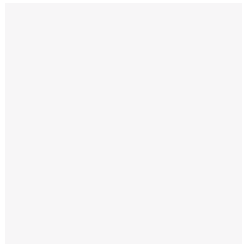
76.8180, 51.1500, 97.2780



24.3670, 16.2250, 30.8570

Previews

White Background



This preview shows how the YIQ color 246.4130, 0.2750, 0.5230 looks on a white background.

Color Contrast Check

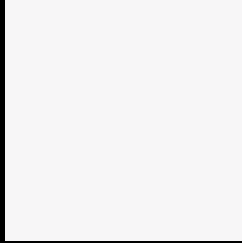
Large Text (above 18pt) WCAG AA × Fail

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 246.4130, 0.2750, 0.5230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

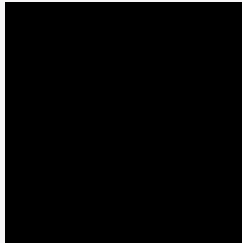
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

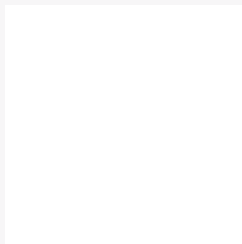
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 246.4130, 0.2750, 0.5230

Background



This preview shows how black text looks on a background with the YIQ color 246.4130, 0.2750, 0.5230.



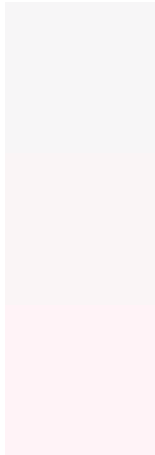
This preview shows how white text looks on a background with the YIQ color 246.4130, 0.2750,

0.5280.

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

246.4130, 0.2750, 0.5230

Protanopia

246.6090, 2.6590, 1.3710

Deuteranopia

247.0440, 5.8680, 3.7880

Tritanopia

247.0370, -1.4220, 3.7460

Trichromacy



Original Color

246.4130, 0.2750, 0.5230

Protanomaly

246.3100, 2.0630, 1.1590

Deuteranomaly

246.7340, 3.8050, 2.6290

Tritanomaly

246.6950, -0.4590, 2.8130

Monochromacy



Original Color

246.4130, 0.2750, 0.5230

Achromatopsia

246.0000, -0.0000, -0.0000

Achromatomaly

246.0000, -0.0000, -0.0000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 246.4130, 0.2750, 0.5230 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(247, 246, 247)` looks like.

```
.text, #text, p{  
    color:rgb(247, 246, 247)  
}
```

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(247, 246, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 246, 247) }
```

Border

The CSS property to change the border of an element to YIQ 246.4130, 0.2750, 0.5230 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(247, 246, 247) }
```

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

```
.border{ border-color:rgb(247, 246, 247) }
```

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

Here you see how a box with a 4 pixel rgb(247, 246, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 246, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 246, 247);  
box-shadow:4px 4px 4px 4px rgb(247, 246,  
247) }
```

Background

The CSS property to change the background color of an element to YIQ 246.4130, 0.2750, 0.5230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 246, 247) }
```

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

```
.background{ background-color: rgb(247,  
246, 247) }
```

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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