

Converting Colors

YIQ(247.2280, -0.6420, 0.6220)

Have a look what the booklet for
YIQ(247.2280, -0.6420, 0.6220)
contains.

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Color

**YIQ(247.2280, -0.6420,
0.6220)**

Conversions

Conversions Part 1

Format	Color
Hex	F7F7F9
RGB	247, 247, 249
RGB Percent	97%, 97%, 98%
CMY	0.0314, 0.0313, 0.0235
CMYK	0.01, 0.01, 0.00, 0.02
HSL	240°, 14%, 97%
HSV	240°, 1%, 98%
XYZ	88.7174, 93.1352, 102.9227
YIQ	247.2280, -0.6420, 0.6220

Conversions

Conversions Part 2

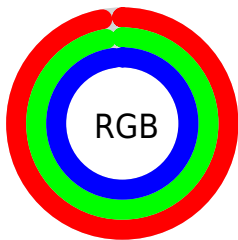
Format	Color
R _Y B	247, 247, 249
Decimal	16250873
CIE Lab	97.28, 0.36, -0.97
CIE LCh	97, 1.032, 290.335
Yxy	93.1352, 0.3115, 0.3270
Android (android.graphics.Color)	4294440953 (0xFF7F7F9)
YUV	247.2280, 0.8736, -0.2000
Hunter-Lab	96.5066, -4.7936, 4.3228

Details

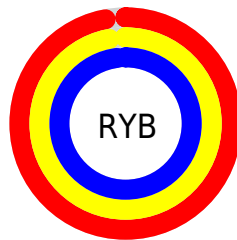
The YIQ color 247.2280, -0.6420, 0.6220 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 248.7720, 0.6420, -0.6220, and the grayscale version is 247.0000, -0.0000, -0.0000.

A 20% lighter version of the original color is 255.0000, -0.0000, -0.0000, and 191.2280, -0.6420, 0.6220 is the 20% darker color. If you saturate the color by 10%, you get 225.0780, -8.6670, 8.3970, and if you desaturate by 10%, it is 254.3160, 1.9260, -1.8660.

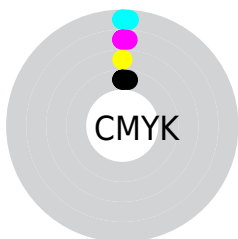
Distribution



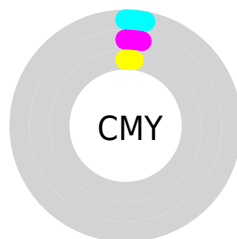
- Red (97%)
- Green (97%)
- Blue (98%)



- Red (97%)
- Yellow (97%)
- Blue (98%)



- Cyan (1%)
- Magenta (1%)
- Yellow (0%)
- Black (2%)



- Cyan (3%)
- Magenta (3%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 247.2280, -0.6420, 0.6220 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 247.2280, -0.6420, 0.6220 by changing the saturation by 10% instead.

247.2280, -0.6420,
0.6220

247.2280, -0.6420,
0.6220

255.0000, -0.0000,
-0.0000

219.1140, -0.3210,
0.3110

191.2280, -0.6420,
0.6220

164.1140, -0.3210,
0.3110

137.2280, -0.6420,
0.6220

112.2280, -0.6420,
0.6220

88.1140, -0.3210,
0.3110

64.2280, -0.6420,

0.6220

■ 42.2280, -0.6420,
0.6220

■ 22.1140, -0.3210,
0.3110

■ 247.2280, -0.6420,
0.6220

■ 247.2280, -0.6420,
0.6220

■ 225.0780, -8.6670,
8.3970

■ 254.3160, 1.9260,
-1.8660

■ 202.9280,
-16.6920, 16.1720

■ 180.7780,
-24.7170, 23.9470

■ 159.2150,
-33.0170, 31.1990

■ 137.3640,
-40.4460, 39.1860

■ 115.2140,
-48.4710, 46.9610

■ 93.0640, -56.4960,
54.7360

■ 70.9140, -64.5210,
62.5110

■ 48.7640, -72.5460,
70.2860

Harmonies

Analogous

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



246.9290, -1.2380, 0.4100



247.2280, -0.6420, 0.6220



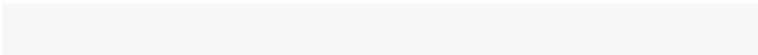
247.4130, 0.2750, 0.5230

Triad

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



247.2280, -0.6420, 0.6220



247.4840, 1.5130, 0.1130



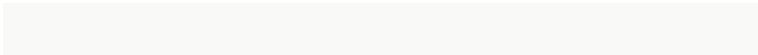
246.9890, -1.4670, -0.9470

Complementary

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



247.2280, -0.6420, 0.6220



248.7720, 0.6420, -0.6220

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.



247.1740, -0.5500, -1.0460



247.2280, -0.6420, 0.6220



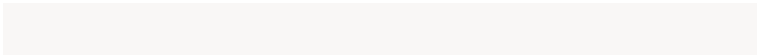
247.0710, 1.2380, -0.4100

Square

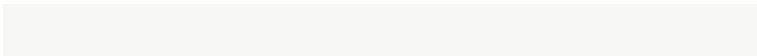
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



247.2280, -0.6420, 0.6220



247.4840, 1.5130, 0.1130



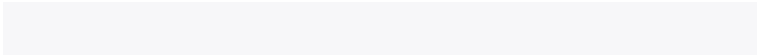
246.7720, 0.6420, -0.6220



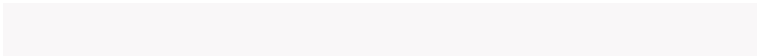
247.1030, -1.7880, -0.6360

Rectangle

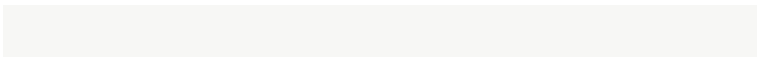
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



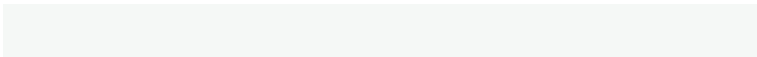
247.2280, -0.6420, 0.6220



247.7120, 0.8710, 0.7350



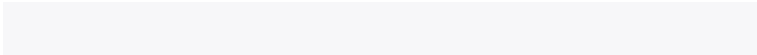
246.7720, 0.6420, -0.6220



246.8750, -1.1460, -1.2580

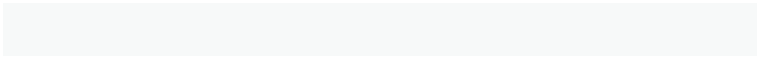
Sweetspot

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



247.2280, -0.6420, 0.6220

255.0000, -0.0000, -0.0000



248.4020, -1.1920, -0.4240



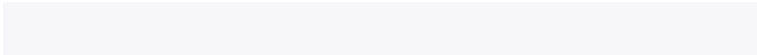
128.0000, -0.0000, -0.0000



0.0000, 0.0000, 0.0000

Same Dimension

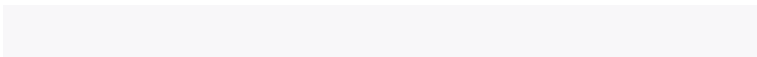
The Same Dimension uses a secret algorithm to generate beautiful new colors.



247.2280, -0.6420, 0.6220



252.3420, -0.9630, 0.9330



247.5270, -0.0460, 0.8340



124.1140, -0.3210, 0.3110



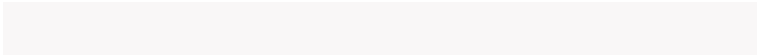
21.5460, -60.6690, 58.7790



6.9540, -19.5810, 18.9710

Inverse Universe

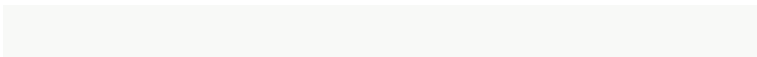
The Inverse Universe completely reimagines the original color for something new.



247.5980, 1.1920, 0.4240



252.8970, 1.7880, 0.6360



248.4730, 0.0460, -0.8340



124.2990, 0.5960, 0.2120



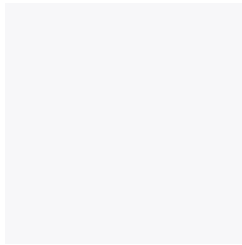
56.5110, 112.6440, 40.0680



18.2390, 36.3560, 12.9320

Previews

White Background



This preview shows how the YIQ color 247.2280, -0.6420, 0.6220 looks on a white background.

Color Contrast Check

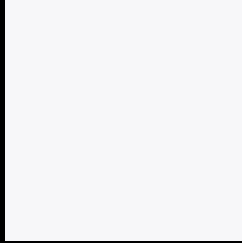
Large Text (above 18pt) WCAG AA × Fail

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 247.2280, -0.6420, 0.6220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

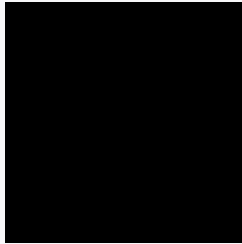
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

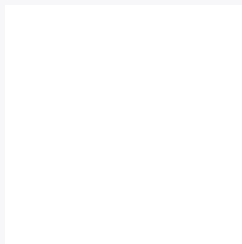
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 247.2280, -0.6420, 0.6220

Background



This preview shows how black text looks on a background with the YIQ color 247.2280, -0.6420, 0.6220.



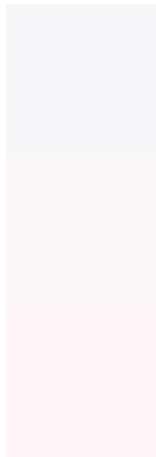
This preview shows how white text looks on a background with the YIQ color 247.2280, -0.6420,

0.6220.

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

247.2280, -0.6420, 0.6220

Protanopia

247.7230, 2.3380, 1.6820

Deuteranopia

247.7450, 5.2720, 3.5760

Tritanopia

247.6240, -1.6970, 3.2230

Trichromacy



Original Color

247.2280, -0.6420, 0.6220

Protanomaly

247.4240, 1.7420, 1.4700

Deuteranomaly

247.4350, 3.2090, 2.4170

Tritanomaly

247.3960, -1.0550, 2.6010

Monochromacy



Original Color

247.2280, -0.6420, 0.6220

Achromatopsia

247.0000, -0.0000, -0.0000

Achromatomaly

247.1140, -0.3210, 0.3110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 247.2280, -0.6420, 0.6220 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, 247, 249)` looks like.

```
.text, #text, p{  
    color:rgb(247, 247, 249)  
}
```

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, 247, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 247, 249) }
```

Border

The CSS property to change the border of an element to YIQ 247.2280, -0.6420, 0.6220 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, 247, 249) }
```

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

```
.border{ border-color:rgb(247, 247, 249) }
```

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

Here you see how a box with a 4 pixel rgb(247, 247, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 247, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 247, 249);  
box-shadow:4px 4px 4px 4px rgb(247, 247,  
249) }
```


Background

The CSS property to change the background color of an element to YIQ 247.2280, -0.6420, 0.6220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 247, 249) }
```

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

```
.background{ background-color: rgb(247,  
247, 249) }
```

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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