

Converting Colors

YIQ(237.3810, 20.4960, -8.0160)

Have a look what the booklet for
YIQ(237.3810, 20.4960, -8.0160)
contains.

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Color

**YIQ(237.3810, 20.4960,
-8.0160)**

Conversions

Conversions Part 1

Format	Color
Hex	FCEDC9
RGB	252, 237, 201
RGB Percent	99%, 93%, 79%
CMY	0.0117, 0.0706, 0.2116
CMYK	0.00, 0.06, 0.20, 0.01
HSL	42°, 89%, 89%
HSV	42°, 20%, 99%
XYZ	80.9743, 85.4791, 67.5068
YIQ	237.3810, 20.4960, -8.0160

Conversions

Conversions Part 2

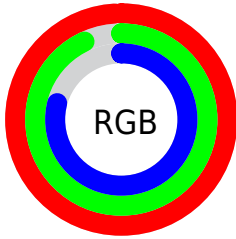
Format	Color
R _Y B	222, 252, 201
Decimal	16575945
CIE Lab	94.09, -0.53, 19.27
CIE LCh	94, 19.276, 91.570
Yxy	85.4791, 0.3461, 0.3654
Android (android.graphics.Color)	4294766025 (0xFFFCEDC9)
YUV	237.3810, -17.9358, 12.8209
Hunter-Lab	92.4549, -5.4613, 21.4273

Details

The YIQ color $237.3810, 20.4960, -8.0160$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $215.6190, -20.4960, 8.0160$, and the grayscale version is $238.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $181.3100, 19.2580, -7.6060$ is the 20% darker color. If you saturate the color by 10%, you get $230.4220, 30.4460, -12.1300$, and if you desaturate by 10%, it is $244.3400, 10.5460, -3.9020$.

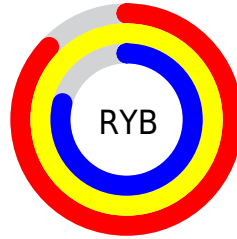
Distribution



Red (99%)

Green (93%)

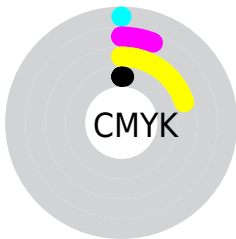
Blue (79%)



Red (87%)

Yellow (99%)

Blue (79%)

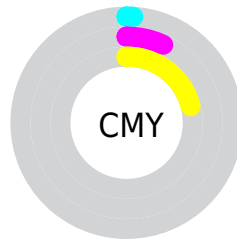


Cyan (0%)

Magenta (6%)

Yellow (20%)

Black (1%)



Cyan (1%)

Magenta (7%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 237.3810, 20.4960, -8.0160 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 237.3810, 20.4960, -8.0160 by changing the saturation by 10% instead.

237.3810, 20.4960,
-8.0160

237.3810, 20.4960,
-8.0160

255.0000, -0.0000,
-0.0000

209.1960, 19.5790,
-7.9170

181.3100, 19.2580,
-7.6060

154.4240, 18.9370,
-7.2950

128.2390, 18.0200,
-7.1960

103.0540, 17.1030,
-7.0970

78.8690, 16.1860,
-6.9980

56.3850, 14.6730,

-7.1110

■ 33.8580, 14.7190,
-7.9450

■ 13.8990, 7.4740,
-3.2940

■ 237.3810, 20.4960,
-8.0160

■ 237.3810, 20.4960,
-8.0160

■ 230.4220, 30.4460,
-12.1300

■ 244.3400, 10.5460,
-3.9020

■ 222.8760, 40.6710,
-15.7210

■ 251.8860, 0.3210,
-0.3110

■ 215.8030, 50.9420,
-20.1460

■ 254.1030, -1.7880,
-0.6360

■ 208.2570, 61.1670,
-23.7370

■ 201.2980, 71.1170,
-27.8510

■ 193.7520, 81.3420,
-31.4420

■ 186.7930, 91.2920,
-35.5560

■ 179.8340,
101.2420, -39.6700

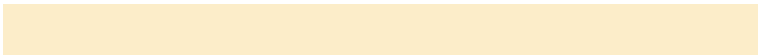
Harmonies

Analogous

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



235.3260, 22.3290, -2.6870



237.3810, 20.4960, -8.0160



235.1940, 4.7250, -14.0510

Triad

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



237.3810, 20.4960, -8.0160



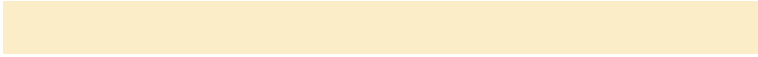
231.4560, -36.8150, -10.1190



239.1510, 7.4250, 14.1210

Complementary

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



237.3810, 20.4960, -8.0160



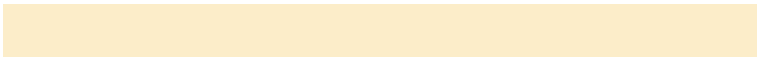
215.6190, -20.4960, 8.0160

Split Complementary

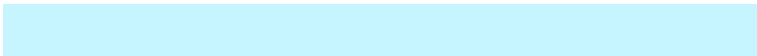
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



238.4980, -1.1020, 8.9620



237.3810, 20.4960, -8.0160



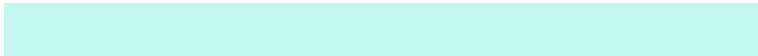
232.3860, -30.6260, -6.6420

Square

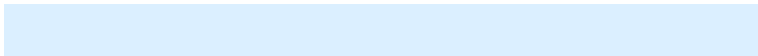
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



237.3810, 20.4960, -8.0160



231.6000, -28.6530, -14.8690



234.8440, -17.0560, 0.7360



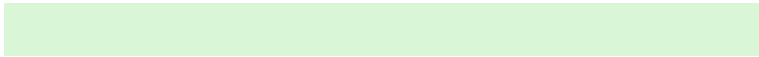
235.4520, 13.7070, 10.4030

Rectangle

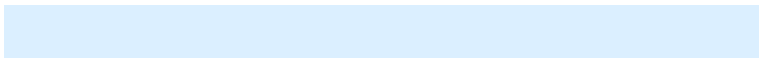
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



237.3810, 20.4960, -8.0160



233.6810, -7.0120, -16.1000



234.8440, -17.0560, 0.7360



239.7380, 7.1500, 13.5980

Sweetspot

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



237.3810, 20.4960, -8.0160



250.3550, 6.1900, -2.0500



217.9590, 25.5810, 15.4770



125.2130, 3.7140, -1.2300



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

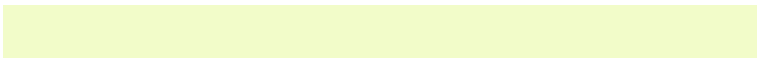
The Same Dimension uses a secret algorithm to generate beautiful new colors.



237.3810, 20.4960, -8.0160



237.4800, 24.5310, -9.5570



243.1960, 10.4110, -17.9810



121.1700, 5.2730, -1.9510



134.5820, 76.0690, -29.4910



43.4800, 24.5310, -9.5570

Inverse Universe

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



215.6190, -20.4960, 8.0160



211.5200, -24.5310, 9.5570



209.8040, -10.4110, 17.9810



115.8300, -5.2730, 1.9510



54.4180, -76.0690, 29.4910



17.5200, -24.5310, 9.5570

Previews

White Background



This preview shows how the YIQ color 237.3810, 20.4960, -8.0160 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 237.3810, 20.4960, -8.0160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

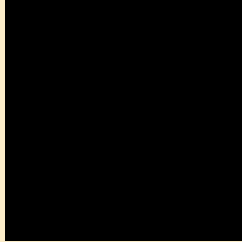
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 237.3810, 20.4960, -8.0160

Background



This preview shows how black text looks on a background with the YIQ color 237.3810, 20.4960, -8.0160.



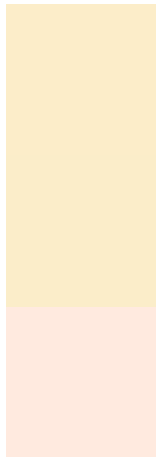
This preview shows how white text looks on a background with the YIQ color 237.3810, 20.4960,

-8.0160.

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

237.3810, 20.4960, -8.0160

Protanopia

237.0820, 19.9000, -8.2280

Deuteranopia

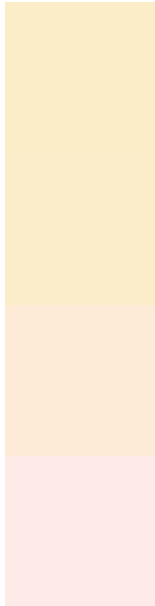
239.0250, 16.0470, 1.0310



Tritanopia

240.5870, 8.8930, 9.5410

Trichromacy



Original Color

237.3810, 20.4960, -8.0160

Protanomaly

237.0820, 19.9000, -8.2280

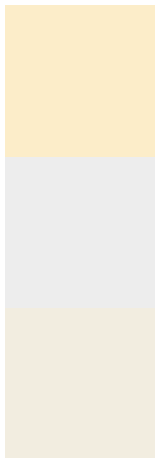
Deuteranomaly

238.4010, 17.7440, -2.1920

Tritanomaly

239.5240, 13.2040, 2.9960

Monochromacy



Original Color

237.3810, 20.4960, -8.0160

Achromatopsia

237.0000, -0.0000, -0.0000

Achromatomaly

237.0130, 7.1530, -2.9830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 237.3810, 20.4960, -8.0160 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(252, 237, 201)` looks like.

```
.text, #text, p{  
    color:rgb(252, 237, 201)  
}
```

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(252, 237, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 237, 201) }
```

Border

The CSS property to change the border of an element to YIQ 237.3810, 20.4960, -8.0160 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(252, 237, 201) }
```


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

```
.border{ border-color:rgb(252, 237, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 237, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 237, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 237, 201);  
box-shadow:4px 4px 4px 4px rgb(252, 237,  
201) }
```

Background

The CSS property to change the background color of an element to YIQ 237.3810, 20.4960, -8.0160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 237, 201) }
```

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

```
.background{ background-color: rgb(252,  
237, 201) }
```

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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