

Converting Colors

YIQ(237.4750, -20.6310,
-6.0630)

Have a look what the booklet for
YIQ(237.4750, -20.6310, -6.0630)
contains.

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Color

**YIQ(237.4750, -20.6310,
-6.0630)**

Conversions

Conversions Part 1

Format	Color
Hex	D6F7FA
RGB	214, 247, 250
RGB Percent	84%, 97%, 98%
CMY	0.1609, 0.0313, 0.0197
CMYK	0.14, 0.01, 0.00, 0.02
HSL	185°, 78%, 91%
HSV	185°, 14%, 98%
XYZ	78.2428, 87.7240, 103.2334
YIQ	237.4750, -20.6310, -6.0630

Conversions

Conversions Part 2

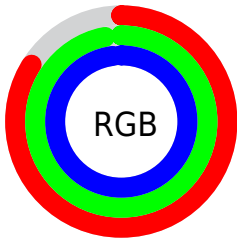
Format	Color
R _Y B	214, 231, 250
Decimal	14088186
CIE Lab	95.04, -10.04, -5.02
CIE LCh	95, 11.224, 206.585
Yxy	87.7240, 0.2906, 0.3259
Android (android.graphics.Color)	4292278266 (0xFFD6F7FA)
YUV	237.4750, 6.1748, -20.5876
Hunter-Lab	93.6611, -14.7912, 0.2132

Details

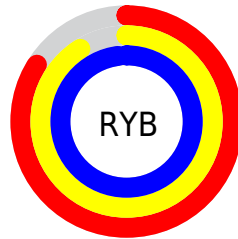
The YIQ color $237.4750, -20.6310, -6.0630$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $226.5250, 20.6310, 6.0630$, and the grayscale version is $237.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $181.7740, -20.0350, -5.8510$ is the 20% darker color. If you saturate the color by 10%, you get $228.8260, -34.9810, -10.3170$, and if you desaturate by 10%, it is $246.1240, -6.2810, -1.8090$.

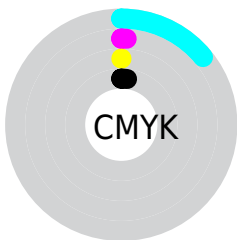
Distribution



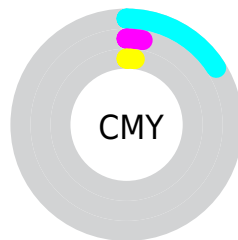
- Red (84%)
- Green (97%)
- Blue (98%)



- Red (84%)
- Yellow (91%)
- Blue (98%)



- Cyan (14%)
- Magenta (1%)
- Yellow (0%)
- Black (2%)



- Cyan (16%)
- Magenta (3%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 237.4750, -20.6310, -6.0630 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 237.4750, -20.6310, -6.0630 by changing the saturation by 10% instead.

■ 237.4750,
-20.6310, -6.0630

■ 237.4750,
-20.6310, -6.0630

■ 255.0000, -0.0000,
-0.0000

■ 209.3610,
-20.3100, -6.3740

■ 181.7740,
-20.0350, -5.8510

■ 154.6600,
-19.7140, -6.1620

■ 128.3720,
-18.8430, -5.4270

■ 103.3720,
-18.8430, -5.4270

■ 78.6710, -18.2470,
-5.2150

■ 55.6710, -18.2470,

-5.2150

■ 33.3720, -18.8430,
-5.4270

■ 15.6500, -13.7540,
-4.0420

■ 237.4750,
-20.6310, -6.0630

■ 237.4750,
-20.6310, -6.0630

■ 228.8260,
-34.9810, -10.3170

■ 246.1240, -6.2810,
-1.8090

■ 220.1770,
-49.3310, -14.5710

■ 252.0820, 2.7050,
0.5370

■ 211.5280,
-63.6810, -18.8250

■ 253.2560, 2.1550,
-0.5090

■ 202.8790,
-78.0310, -23.0790

■ 254.4300, 1.6050,
-1.5550

■ 194.2300,
-92.3810, -27.3330

■ 185.5810,
-106.7310, -31.5870

■ 176.9320,
-121.0810, -35.8410

■ 168.2830,
-135.4310, -40.0950

■ 162.9230,
-143.2250, -42.0170

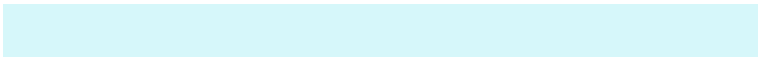
Harmonies

Analogous

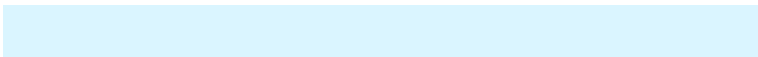
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237.1180, -15.3120, -8.8480



237.4750, -20.6310, -6.0630



238.0670, -19.3020, -2.6140

Triad

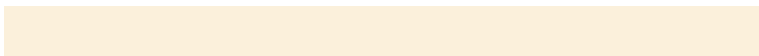
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



237.4750, -20.6310, -6.0630



242.7330, 5.5460, 9.6260



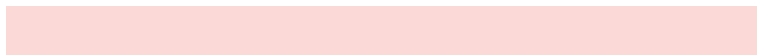
240.8950, 13.2970, -4.1990

Complementary

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



237.4750, -20.6310, -6.0630



226.5250, 20.6310, 6.0630

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.



240.1990, 15.4970, -0.0150



237.4750, -20.6310, -6.0630



241.1910, 9.9480, 6.9400

Square

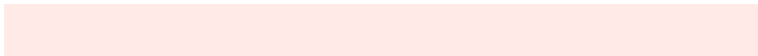
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



237.4750, -20.6310, -6.0630



241.1340, -3.0730, 6.1350



239.9370, 13.4790, 3.5190



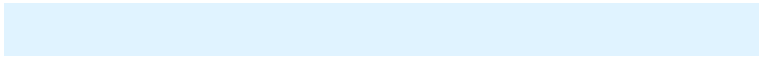
239.2960, 4.6780, -7.6900

Rectangle

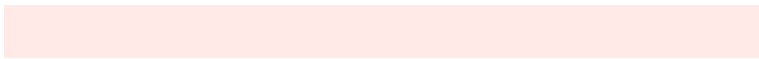
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



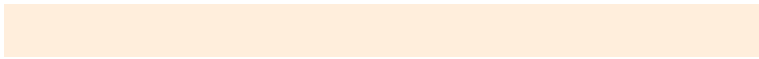
237.4750, -20.6310, -6.0630



238.6870, -15.1760, -0.2960



239.9370, 13.4790, 3.5190



241.0310, 15.9100, -1.9940

Sweetspot

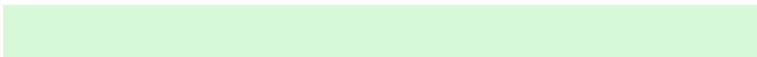
The Sweet Spot groups the original color and five complimentary colors.



237.4750, -20.6310, -6.0630



251.4230, -5.6850, -1.5970



235.3600, -10.5420, -18.2060



125.3200, -3.8970, -0.9610



0.0000, 0.0000, 0.0000



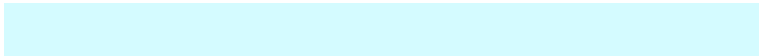
128.0000, -0.0000, -0.0000

Same Dimension

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



237.4750, -20.6310, -6.0630



239.7950, -24.5280, -7.0240



227.4960, -15.9560, 2.8280



120.5260, -7.4730, -2.2330



123.0970, -108.2440, -31.7000



39.8260, -34.9810, -10.3170

Inverse Universe

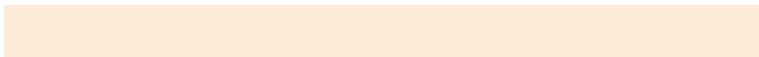
The Inverse Universe completely reimagines the original color for something new.



228.5260, 10.8630, 17.8950



229.3030, 13.1090, 21.2450



236.5040, 15.9560, -2.8280



117.2550, 3.8960, 6.4880



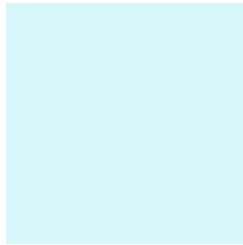
76.2330, 57.1110, 93.8710



24.6230, 18.3800, 30.3480

Previews

White Background



This preview shows how the YIQ color 237.4750, -20.6310, -6.0630 looks on a white background.

Color Contrast Check

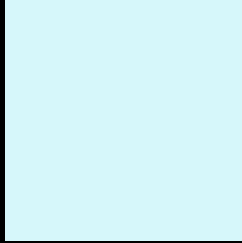
Large Text (above 18pt) WCAG AA × Fail

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 237.4750, -20.6310, -6.0630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

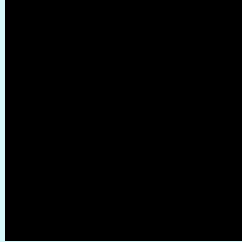
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 237.4750, -20.6310, -6.0630

Background



This preview shows how black text looks on a background with the YIQ color 237.4750, -20.6310, -6.0630.



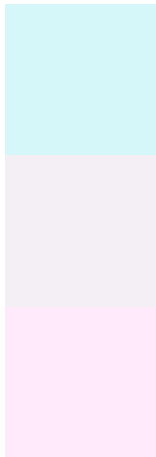
This preview shows how white text looks on a background with the YIQ color 237.4750, -20.6310,

-6.0630.

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

237.4750, -20.6310, -6.0630

Protanopia

240.8800, 0.4580, 2.7140

Deuteranopia

242.2170, 7.0590, 9.7390



Tritanopia

239.5840, -13.3880, 0.3400

Trichromacy



Original Color

237.4750, -20.6310, -6.0630

Protanomaly

239.5800, -7.5650, -0.5650

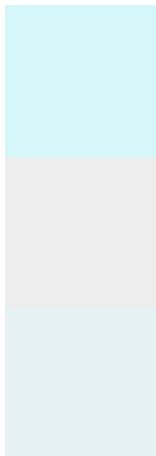
Deuteranomaly

240.6670, -3.2560, 3.9440

Tritanomaly

238.4480, -16.0010, -1.8650

Monochromacy



Original Color

237.4750, -20.6310, -6.0630

Achromatopsia

237.0000, -0.0000, -0.0000

Achromatomaly

237.5260, -7.4730, -2.2330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 237.4750, -20.6310, -6.0630 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(214, 247, 250)` looks like.

```
.text, #text, p{  
    color:rgb(214, 247, 250)  
}
```

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(214, 247, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 247, 250) }
```

Border

The CSS property to change the border of an element to YIQ 237.4750, -20.6310, -6.0630 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(214, 247, 250) }
```


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

```
.border{ border-color:rgb(214, 247, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 247, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 247, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 247, 250);  
box-shadow:4px 4px 4px 4px rgb(214, 247,  
250) }
```

Background

The CSS property to change the background color of an element to YIQ 237.4750, -20.6310, -6.0630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 247, 250) }
```

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

```
.background{ background-color: rgb(214,  
247, 250) }
```

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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