

Converting Colors

YIQ(231.7750, -12.6080,
-2.7840)

Have a look what the booklet for
YIQ(231.7750, -12.6080, -2.7840)
contains.

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Color

**YIQ(231.7750, -12.6080,
-2.7840)**

Conversions

Conversions Part 1

Format	Color
Hex	DAEDF1
RGB	218, 237, 241
RGB Percent	85%, 93%, 95%
CMY	0.1451, 0.0705, 0.0549
CMYK	0.10, 0.02, 0.00, 0.05
HSL	190°, 45%, 90%
HSV	190°, 10%, 95%
XYZ	75.0718, 81.8268, 95.0459
YIQ	231.7750, -12.6080, -2.7840

Conversions

Conversions Part 2

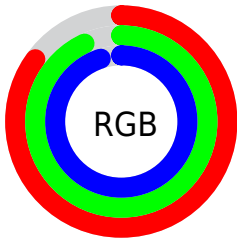
Format	Color
R _Y B	218, 228, 241
Decimal	14347761
CIE Lab	92.50, -5.48, -4.08
CIE LCh	92, 6.829, 216.636
Yxy	81.8268, 0.2980, 0.3248
Android (android.graphics.Color)	4292537841 (0xFFDAEDF1)
YUV	231.7750, 4.5479, -12.0807
Hunter-Lab	90.4582, -10.1635, 1.0237

Details

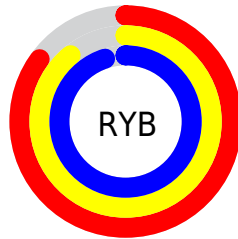
The YIQ color $231.7750, -12.6080, -2.7840$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $227.2250, 12.6080, 2.7840$, and the grayscale version is $232.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $176.0740, -12.0120, -2.5720$ is the 20% darker color. If you saturate the color by 10%, you get $222.2510, -25.8120, -5.7800$, and if you desaturate by 10%, it is $241.2990, 0.5960, 0.2120$.

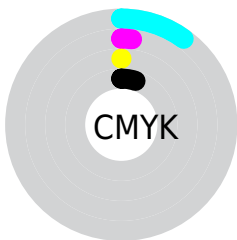
Distribution



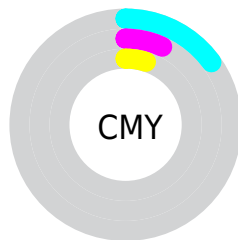
- Red (85%)
- Green (93%)
- Blue (95%)



- Red (85%)
- Yellow (89%)
- Blue (95%)



- Cyan (10%)
- Magenta (2%)
- Yellow (0%)
- Black (5%)



- Cyan (15%)
- Magenta (7%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 231.7750, -12.6080, -2.7840 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 231.7750, -12.6080, -2.7840 by changing the saturation by 10% instead.

■ 231.7750,
-12.6080, -2.7840

■ 231.7750,
-12.6080, -2.7840

255.0000, -0.0000,
-0.0000

■ 203.7750,
-12.6080, -2.7840

■ 176.0740,
-12.0120, -2.5720

■ 149.3730,
-11.4160, -2.3600

■ 123.3730,
-11.4160, -2.3600

■ 98.6720, -10.8200,
-2.1480

■ 74.6720, -10.8200,
-2.1480

■ 51.9710, -10.2240,

-1.9360

■ 30.8570, -9.9030,
-2.2470

■ 9.5690, -9.0320,
-1.5120

■ 231.7750,
-12.6080, -2.7840

■ 231.7750,
-12.6080, -2.7840

■ 222.2510,
-25.8120, -5.7800

■ 241.2990, 0.5960,
0.2120

■ 212.7270,
-39.0160, -8.7760

■ 247.5340, 7.2440,
0.8760

■ 203.2030,
-52.2200, -11.7720

■ 250.4690, 5.8690,
-1.7390

■ 193.0920,
-65.1490, -14.2450

■ 252.8170, 4.7690,
-3.8310

■ 183.2690,
-78.9490, -17.4530

■ 253.4040, 4.4940,
-4.3540

■ 173.7450,
-92.1530, -20.4490

■ 164.2210,
-105.3570, -23.4450

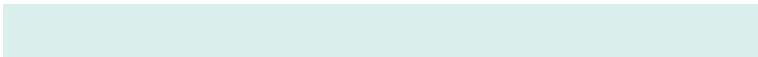
■ 154.6970,
-118.5610, -26.4410

■ 145.1730,
-131.7650, -29.4370

Harmonies

Analogous

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



231.6780, -10.9570, -5.1730



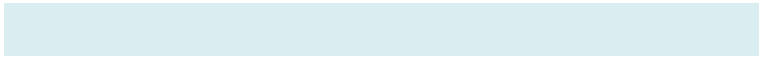
231.7750, -12.6080, -2.7840



232.8400, -11.2330, -0.1690

Triad

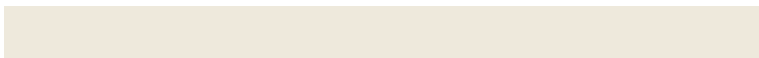
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



231.7750, -12.6080, -2.7840



235.2120, 5.4550, 5.7670



233.0130, 7.1530, -2.9830

Complementary

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



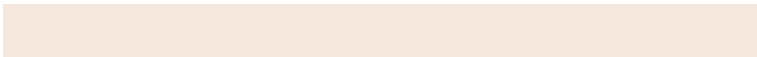
231.7750, -12.6080, -2.7840



227.2250, 12.6080, 2.7840

Split Complementary

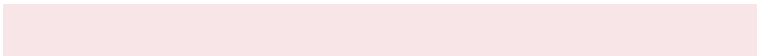
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



233.8610, 10.6370, -0.0430



231.7750, -12.6080, -2.7840



235.0230, 10.3610, 4.9610

Square

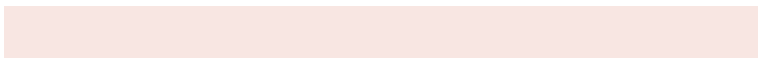
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



231.7750, -12.6080, -2.7840



234.2760, -0.5970, 5.3150



234.9260, 12.0120, 2.5720



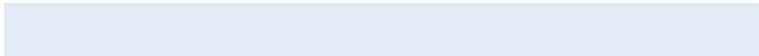
232.1370, 0.8720, -4.7920

Rectangle

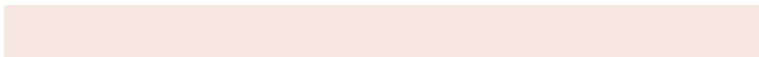
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



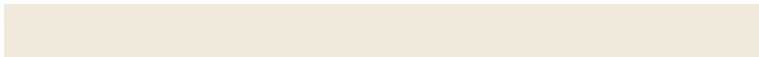
231.7750, -12.6080, -2.7840



232.9760, -8.6200, 2.0360



234.9260, 12.0120, 2.5720



233.6110, 8.3450, -2.5590

Sweetspot

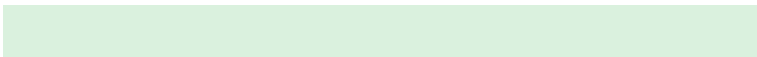
The Sweet Spot groups the original color and five complimentary colors.



231.7750, -12.6080, -2.7840



252.0210, -4.4930, -1.1730



231.9570, -7.6090, -10.7850



125.6190, -3.3010, -0.7490



0.0000, 0.0000, 0.0000



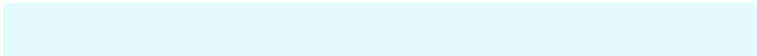
128.0000, -0.0000, -0.0000

Same Dimension

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



231.7750, -12.6080, -2.7840



243.6930, -15.3130, -3.3210



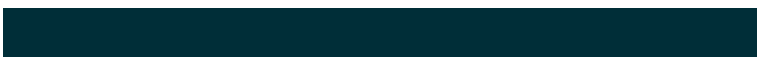
225.3180, -9.5830, 2.9690



115.2380, -6.6020, -1.4980



110.2000, -100.8640, -22.2720



33.3860, -30.6260, -6.6420

Inverse Universe

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



227.0430, 7.6090, 10.7850



237.9940, 9.3050, 13.0890



233.6820, 9.5830, -2.9690



112.7280, 3.9420, 5.6540



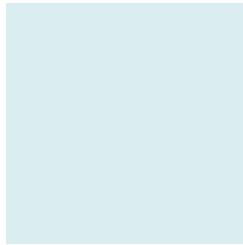
72.3440, 60.8720, 86.2800



21.9880, 18.6100, 26.1780

Previews

White Background



This preview shows how the YIQ color 231.7750, -12.6080, -2.7840 looks on a white background.

Color Contrast Check

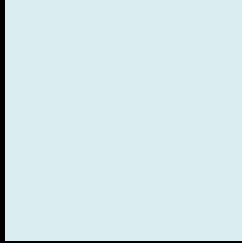
Large Text (above 18pt) WCAG AA × Fail

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 231.7750, -12.6080, -2.7840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

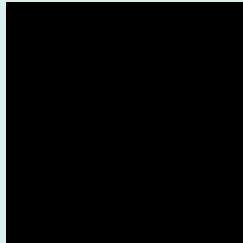
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

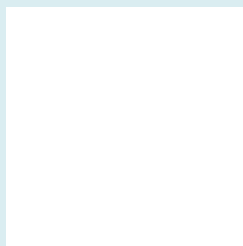
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 231.7750, -12.6080, -2.7840

Background



This preview shows how black text looks on a background with the YIQ color 231.7750, -12.6080, -2.7840.



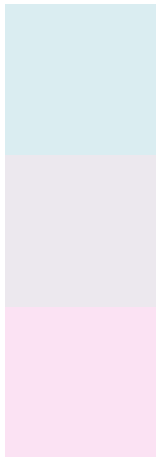
This preview shows how white text looks on a background with the YIQ color 231.7750, -12.6080,

-2.7840.

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

231.7750, -12.6080, -2.7840

Protanopia

233.8800, 0.4580, 2.7140

Deuteranopia

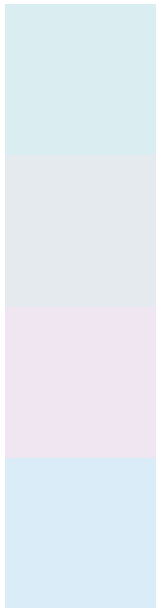
235.4130, 9.4430, 10.5870



Tritanopia

232.6810, -15.0390, 2.7290

Trichromacy



Original Color

231.7750, -12.6080, -2.7840

Protanomaly

233.0750, -4.5850, 0.4950

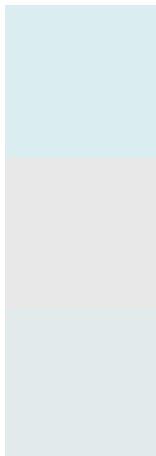
Deuteranomaly

234.0590, 1.5120, 5.6400

Tritanomaly

232.3990, -14.3050, 0.4390

Monochromacy



Original Color

231.7750, -12.6080, -2.7840

Achromatopsia

232.0000, -0.0000, 0.0000

Achromatomaly

232.0210, -4.4930, -1.1730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 231.7750, -12.6080, -2.7840 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(218, 237, 241)` looks like.

```
.text, #text, p{  
    color:rgb(218, 237, 241)  
}
```

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(218, 237, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 237, 241) }
```

Border

The CSS property to change the border of an element to YIQ 231.7750, -12.6080, -2.7840 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(218, 237, 241) }
```


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

```
.border{ border-color:rgb(218, 237, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 237, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 237, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 237, 241);  
box-shadow:4px 4px 4px 4px rgb(218, 237,  
241) }
```

Background

The CSS property to change the background color of an element to YIQ 231.7750, -12.6080, -2.7840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 237, 241) }
```

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

```
.background{ background-color: rgb(218,  
237, 241) }
```

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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