

Converting Colors

YIQ(231.7950, -15.3600, 3.0400)

Have a look what the booklet for
YIQ(231.7950, -15.3600, 3.0400)
contains.

YIQ(231.7950, -15.3600, 3.0400)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(231.7950, -15.3600,
3.0400)**

Conversions

Conversions Part 1

Format	Color
Hex	DBEAFE
RGB	219, 234, 254
RGB Percent	86%, 92%, 100%
CMY	0.1412, 0.0823, 0.0040
CMYK	0.14, 0.08, 0.00, 0.00
HSL	214°, 94%, 93%
HSV	214°, 14%, 100%
XYZ	76.5225, 81.0629, 105.3631
YIQ	231.7950, -15.3600, 3.0400

Conversions

Conversions Part 2

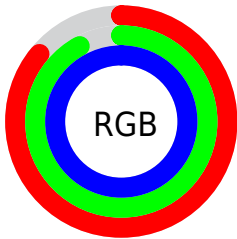
Format	Color
R _Y B	219, 230, 254
Decimal	14412542
CIE Lab	92.16, -1.06, -11.34
CIE LCh	92, 11.389, 264.649
Yxy	81.0629, 0.2910, 0.3083
Android (android.graphics.Color)	4292602622 (0xFFDBEAFE)
YUV	231.7950, 10.9471, -11.2212
Hunter-Lab	90.0349, -5.8504, -6.3595

Details

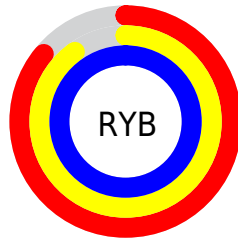
The YIQ color **231.7950, -15.3600, 3.0400** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **241.2050, 15.3600, -3.0400**, and the grayscale version is **232.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **175.9800, -14.4430, 2.9410** is the 20% darker color. If you saturate the color by 10%, you get **216.1020, -26.4100, 5.0620**, and if you desaturate by 10%, it is **248.0750, -4.5850, 0.4950**.

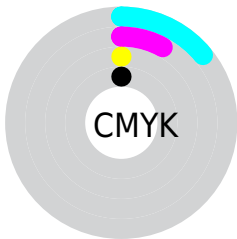
Distribution



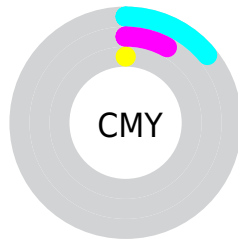
- Red (86%)
- Green (92%)
- Blue (100%)



- Red (86%)
- Yellow (90%)
- Blue (100%)



- Cyan (14%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (14%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 231.7950, -15.3600, 3.0400 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 231.7950, -15.3600, 3.0400 by changing the saturation by 10% instead.

■ 231.7950,
-15.3600, 3.0400

■ 231.7950,
-15.3600, 3.0400

255.0000, -0.0000,
-0.0000

■ 203.6810,
-15.0390, 2.7290

■ 175.9800,
-14.4430, 2.9410

■ 149.5670,
-14.7180, 2.4180

■ 123.8660,
-14.1220, 2.6300

■ 98.7520, -13.8010,
2.3190

■ 74.6380, -13.4800,
2.0080

■ 51.6380, -13.4800,

2.0080

■ 30.4100, -12.8380,
1.3860

■ 8.9480, -11.4170,
3.1670

■ 231.7950,
-15.3600, 3.0400

■ 231.7950,
-15.3600, 3.0400

■ 216.1020,
-26.4100, 5.0620

■ 248.0750, -4.5850,
0.4950

■ 199.5230,
-37.7810, 7.3950

254.8860, 0.3210,
-0.3110

■ 183.8300,
-48.8310, 9.4170

■ 167.2510,
-60.2020, 11.7500

■ 151.5580,
-71.2520, 13.7720

■ 135.2780,
-82.0270, 16.3170

■ 119.2860,
-93.6730, 18.1270

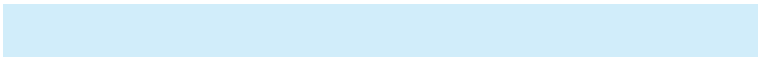
■ 103.0060,
-104.4480, 20.6720

■ 92.9390,
-111.5090, 21.9870

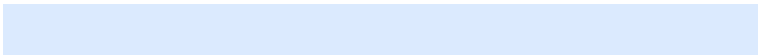
Harmonies

Analogous

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



230.1100, -20.8610, -1.8930



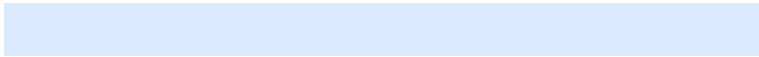
231.7950, -15.3600, 3.0400



233.1060, -5.8700, 7.2660

Triad

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



231.7950, -15.3600, 3.0400



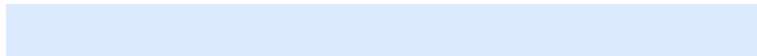
234.4430, 17.9260, 5.5260



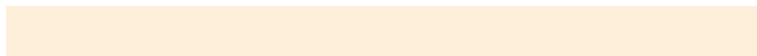
229.6800, -5.2710, -9.1030

Complementary

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



231.7950, -15.3600, 3.0400



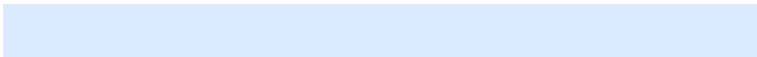
241.2050, 15.3600, -3.0400

Split Complementary

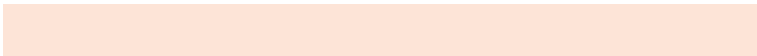
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



231.5950, 5.2740, -7.4780



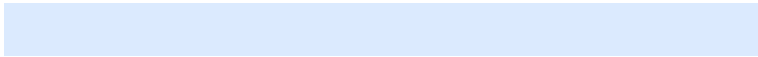
231.7950, -15.3600, 3.0400



233.9930, 19.0730, 1.2570

Square

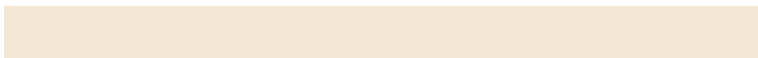
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



231.7950, -15.3600, 3.0400



234.8110, 14.0740, 9.2580



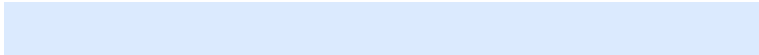
232.6070, 14.1680, -3.4640



229.0040, -14.9910, -9.1590

Rectangle

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



231.7950, -15.3600, 3.0400



234.1670, 1.3280, 8.9760



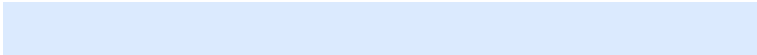
232.6070, 14.1680, -3.4640



230.5340, -1.9240, -9.1880

Sweetspot

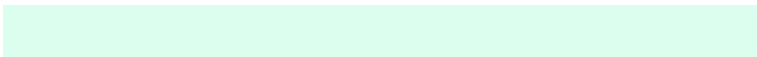
The Sweet Spot groups the original color and five complimentary colors.



231.7950, -15.3600, 3.0400



248.4880, -4.3100, 1.0180



241.8250, -16.0450, -12.0850



123.5590, -3.0720, 0.6080



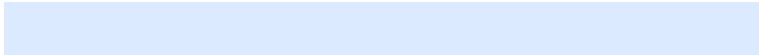
0.0000, 0.0000, 0.0000



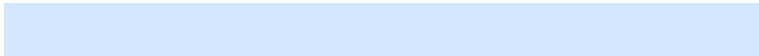
128.0000, -0.0000, -0.0000

Same Dimension

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



231.7950, -15.3600, 3.0400



227.4680, -18.7530, 3.9590



223.5880, -10.0430, 11.3090



119.4170, -5.5480, 1.4280



69.9080, -83.8610, 16.5150



23.1450, -27.9690, 5.7830

Inverse Universe

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



231.1750, 16.0450, 12.0850



226.9090, 19.8500, 14.7140



249.4120, 10.0430, -11.3090



119.4570, 6.1430, 4.3110



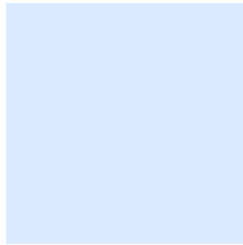
66.4570, 87.5140, 65.9940



22.2140, 29.4770, 21.9650

Previews

White Background



This preview shows how the YIQ color 231.7950, -15.3600, 3.0400 looks on a white background.

Color Contrast Check

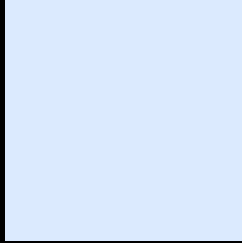
Large Text (above 18pt) WCAG AA × Fail

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 231.7950, -15.3600, 3.0400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

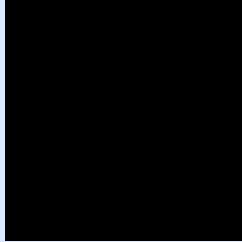
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

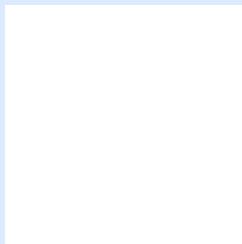
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 231.7950, -15.3600, 3.0400

Background



This preview shows how black text looks on a background with the YIQ color 231.7950, -15.3600, 3.0400.



This preview shows how white text looks on a background with the YIQ color 231.7950, -15.3600,

3.0400.

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

231.7950, -15.3600, 3.0400

Protanopia

233.3940, -6.7410, 6.5310

Deuteranopia

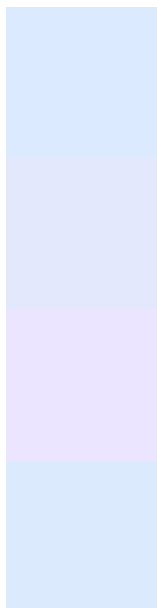
234.6880, 1.4190, 12.8350



Tritanopia

231.6810, -15.0390, 2.7290

Trichromacy



Original Color

231.7950, -15.3600, 3.0400

Protanomaly

232.8990, -9.7210, 5.4710

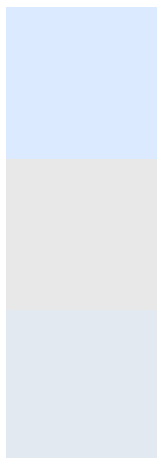
Deuteranomaly

233.7580, -4.7700, 9.3580

Tritanomaly

231.6810, -15.0390, 2.7290

Monochromacy



Original Color

231.7950, -15.3600, 3.0400

Achromatopsia

232.0000, -0.0000, 0.0000

Achromatomaly

232.0040, -5.8230, 0.9050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 231.7950, -15.3600, 3.0400 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(219, 234, 254)` looks like.

```
.text, #text, p{  
    color:rgb(219, 234, 254)  
}
```

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(219, 234, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 234, 254) }
```

Border

The CSS property to change the border of an element to YIQ 231.7950, -15.3600, 3.0400 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(219, 234, 254) }
```


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

```
.border{ border-color:rgb(219, 234, 254) }
```

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

Here you see how a box with a 4 pixel rgb(219, 234, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 234, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 234, 254);  
box-shadow:4px 4px 4px 4px rgb(219, 234,  
254) }
```

Background

The CSS property to change the background color of an element to YIQ 231.7950, -15.3600, 3.0400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 234, 254) }
```

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

```
.background{ background-color: rgb(219,  
234, 254) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor