

Converting Colors

YIQ(232.3390, -14.0760, 1.7960)

Have a look what the booklet for
YIQ(232.3390, -14.0760, 1.7960)
contains.

YIQ(232.3390, -14.0760, 1.7960)	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(232.3390, -14.0760,
1.7960)**

Conversions

Conversions Part 1

Format	Color
Hex	DCEBFB
RGB	220, 235, 251
RGB Percent	86%, 92%, 98%
CMY	0.1373, 0.0784, 0.0157
CMYK	0.12, 0.06, 0.00, 0.02
HSL	211°, 79%, 92%
HSV	211°, 12%, 98%
XYZ	76.6332, 81.5989, 102.9636
YIQ	232.3390, -14.0760, 1.7960

Conversions

Conversions Part 2

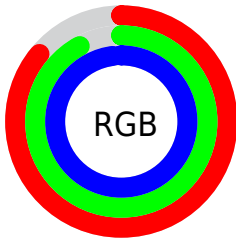
Format	Color
R _{YB}	220, 230, 251
Decimal	14478331
CIE Lab	92.40, -1.86, -9.42
CIE LCh	92, 9.598, 258.808
Yxy	81.5989, 0.2934, 0.3124
Android (android.graphics.Color)	4292668411 (0xFFDCEBFB)
YUV	232.3390, 9.1999, -10.8213
Hunter-Lab	90.3321, -6.6507, -4.3483

Details

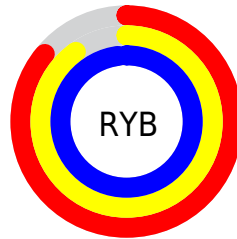
The YIQ color $232.3390, -14.0760, 1.7960$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $238.6610, 14.0760, -1.7960$, and the grayscale version is $232.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $176.5240, -13.1590, 1.6970$ is the 20% darker color. If you saturate the color by 10%, you get $217.2330, -25.4010, 3.2950$, and if you desaturate by 10%, it is $247.4450, -2.7510, 0.2970$.

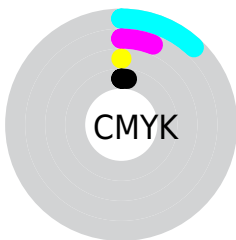
Distribution



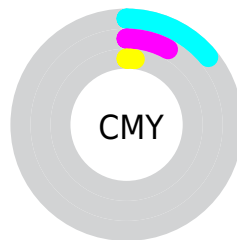
- Red (86%)
- Green (92%)
- Blue (98%)



- Red (86%)
- Yellow (90%)
- Blue (98%)



- Cyan (12%)
- Magenta (6%)
- Yellow (0%)
- Black (2%)



- Cyan (14%)
- Magenta (8%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 232.3390, -14.0760, 1.7960 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 232.3390, -14.0760, 1.7960 by changing the saturation by 10% instead.

■ 232.3390,
-14.0760, 1.7960

■ 232.3390,
-14.0760, 1.7960

255.0000, -0.0000,
-0.0000

■ 204.2250,
-13.7550, 1.4850

■ 176.5240,
-13.1590, 1.6970

■ 150.1110,
-13.4340, 1.1740

■ 124.4100,
-12.8380, 1.3860

■ 99.2960, -12.5170,
1.0750

■ 75.2960, -12.5170,
1.0750

■ 52.4810, -11.6000,

0.9760

■ 31.0680, -11.8750,
0.4530

■ 9.3070, -11.0500,
2.0220

■ 232.3390,
-14.0760, 1.7960

■ 232.3390,
-14.0760, 1.7960

■ 217.2330,
-25.4010, 3.2950

■ 247.4450, -2.7510,
0.2970

■ 202.1270,
-36.7260, 4.7940

■ 254.5440, 1.2840,
-1.2440

■ 187.0210,
-48.0510, 6.2930

■ 171.9150,
-59.3760, 7.7920

■ 156.8090,
-70.7010, 9.2910

■ 141.4040,
-82.6220, 10.5780

■ 126.2980,
-93.9470, 12.0770

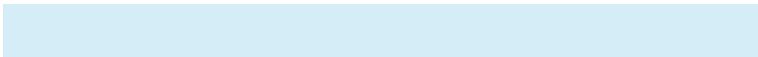
■ 111.7790,
-105.5470, 13.0530

■ 100.2280,
-114.1210, 14.2550

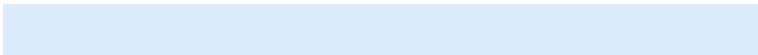
Harmonies

Analogous

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



230.9640, -17.5140, -1.9780



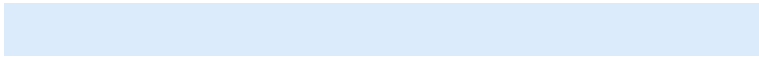
232.3390, -14.0760, 1.7960



233.8670, -6.6950, 5.6970

Triad

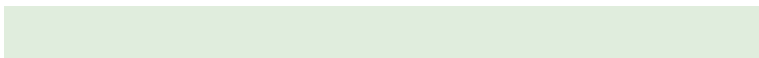
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



232.3390, -14.0760, 1.7960



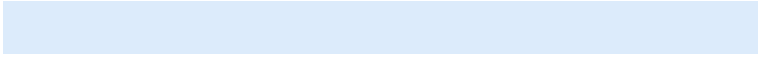
235.1870, 15.7710, 6.0350



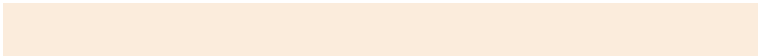
231.2890, -2.6120, -7.7320

Complementary

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



232.3390, -14.0760, 1.7960



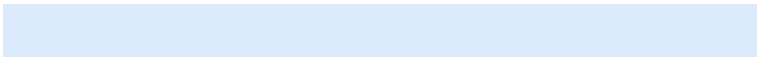
238.6610, 14.0760, -1.7960

Split Complementary

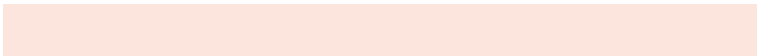
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



232.2470, 6.3740, -5.3860



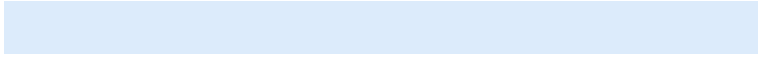
232.3390, -14.0760, 1.7960



234.5520, 16.0010, 1.8650

Square

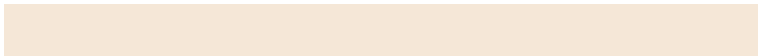
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



232.3390, -14.0760, 1.7960



235.0170, 10.4980, 7.9860



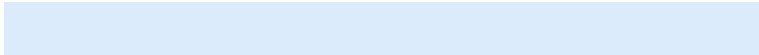
233.3620, 13.4800, -2.0080



230.6840, -11.0940, -8.1980

Rectangle

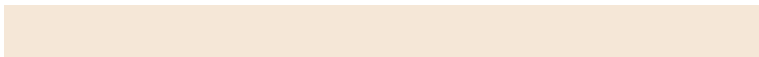
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



232.3390, -14.0760, 1.7960



234.4440, -1.0100, 7.2940



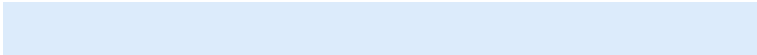
233.3620, 13.4800, -2.0080



231.3710, 0.0930, -7.1950

Sweetspot

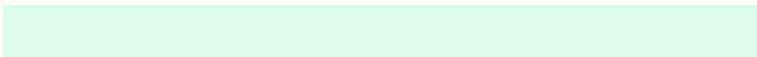
The Sweet Spot groups the original color and five complimentary colors.



232.3390, -14.0760, 1.7960



249.0750, -4.5850, 0.4950



239.9070, -13.3400, -11.5480



123.5590, -3.0720, 0.6080



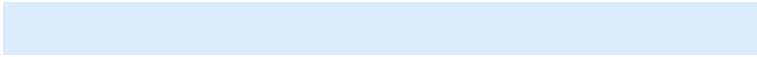
0.0000, 0.0000, 0.0000



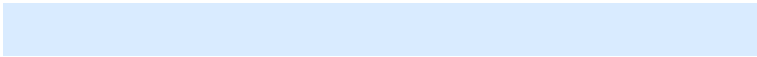
128.0000, -0.0000, -0.0000

Same Dimension

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



232.3390, -14.0760, 1.7960



231.8980, -17.1480, 2.4040



223.5340, -9.9510, 9.6410



117.5910, -6.0980, 0.3820



74.9630, -85.6940, 11.1860



24.5640, -27.8310, 3.2810

Inverse Universe

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



230.9790, 13.6610, 11.2370



230.4140, 16.8700, 13.6540



247.4660, 9.9510, -9.6410



116.6850, 5.5010, 4.9330



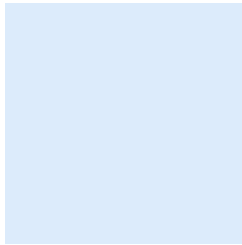
66.8850, 83.4330, 68.3690



21.6590, 26.7260, 22.2620

Previews

White Background



This preview shows how the YIQ color 232.3390, -14.0760, 1.7960 looks on a white background.

Color Contrast Check

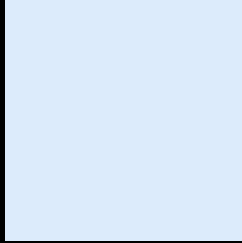
Large Text (above 18pt) WCAG AA × Fail

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 232.3390, -14.0760, 1.7960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

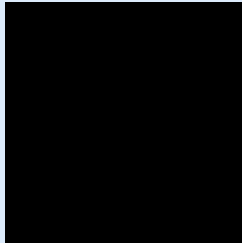
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

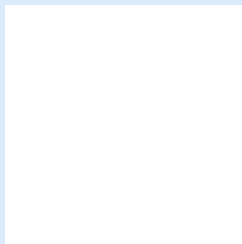
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 232.3390, -14.0760, 1.7960

Background



This preview shows how black text looks on a background with the YIQ color 232.3390, -14.0760, 1.7960.



This preview shows how white text looks on a background with the YIQ color 232.3390, -14.0760,

1.7960.

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

232.3390, -14.0760, 1.7960

Protanopia

233.3510, -5.1820, 5.8100

Deuteranopia

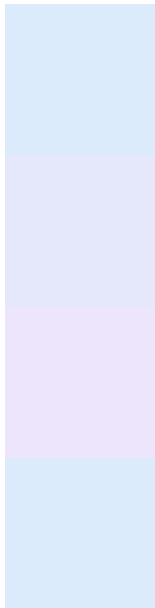
235.0580, 3.2530, 12.6370



Tritanopia

232.5670, -14.7180, 2.4180

Trichromacy



Original Color

232.3390, -14.0760, 1.7960

Protanomaly

232.8560, -8.1620, 4.7500

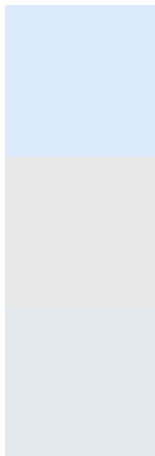
Deuteranomaly

234.0140, -2.6150, 8.8490

Tritanomaly

232.4530, -14.3970, 2.1070

Monochromacy



Original Color

232.3390, -14.0760, 1.7960

Achromatopsia

232.0000, -0.0000, 0.0000

Achromatomaly

232.1890, -4.9060, 0.8060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 232.3390, -14.0760, 1.7960 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(220, 235, 251)` looks like.

```
.text, #text, p{  
    color:rgb(220, 235, 251)  
}
```

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(220, 235, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 235, 251) }
```

Border

The CSS property to change the border of an element to YIQ 232.3390, -14.0760, 1.7960 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(220, 235, 251) }
```


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

```
.border{ border-color:rgb(220, 235, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 235, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 235, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 235, 251);  
box-shadow:4px 4px 4px 4px rgb(220, 235,  
251) }
```

Background

The CSS property to change the background color of an element to YIQ 232.3390, -14.0760, 1.7960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 235, 251) }
```

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

```
.background{ background-color: rgb(220,  
235, 251) }
```

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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