

Converting Colors

YIQ(227.3990, -14.3050, 0.4390)

Have a look what the booklet for
YIQ(227.3990, -14.3050, 0.4390)
contains.

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Color

**YIQ(227.3990, -14.3050,
0.4390)**

Conversions

Conversions Part 1

Format	Color
Hex	D6E7F4
RGB	214, 231, 244
RGB Percent	84%, 91%, 96%
CMY	0.1608, 0.0941, 0.0432
CMYK	0.12, 0.05, 0.00, 0.04
HSL	206°, 58%, 90%
HSV	206°, 12%, 96%
XYZ	72.6336, 77.9814, 96.7981
YIQ	227.3990, -14.3050, 0.4390

Conversions

Conversions Part 2

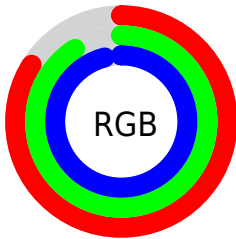
Format	Color
R_{YB}	214, 225, 244
Decimal	14084084
CIE _{Lab}	90.77, -3.10, -8.22
CIE _{LCh}	91, 8.783, 249.368
Yxy	77.9814, 0.2936, 0.3152
Android (android.graphics.Color)	4292274164 (0xFFD6E7F4)
YUV	227.3990, 8.1843, -11.7509
Hunter-Lab	88.3071, -7.7190, -3.1760

Details

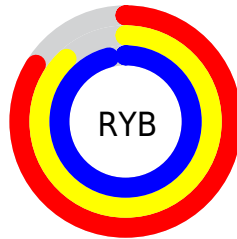
The YIQ color $227.3990, -14.3050, 0.4390$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $230.6010, 14.3050, -0.4390$, and the grayscale version is $227.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $171.6980, -13.7090, 0.6510$ is the 20% darker color. If you saturate the color by 10%, you get $213.7660, -25.5840, 1.1040$, and if you desaturate by 10%, it is $241.0320, -3.0260, -0.2260$.

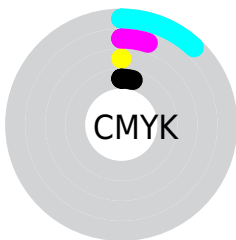
Distribution



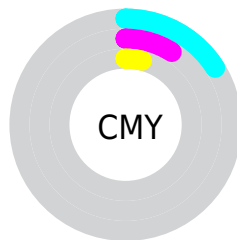
- Red (84%)
- Green (91%)
- Blue (96%)



- Red (84%)
- Yellow (88%)
- Blue (96%)



- Cyan (12%)
- Magenta (5%)
- Yellow (0%)
- Black (4%)



- Cyan (16%)
- Magenta (9%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 227.3990, -14.3050, 0.4390 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 227.3990, -14.3050, 0.4390 by changing the saturation by 10% instead.

■ 227.3990,
-14.3050, 0.4390

■ 227.3990,
-14.3050, 0.4390

■ 255.0000, -0.0000,
-0.0000

■ 199.3990,
-14.3050, 0.4390

■ 171.6980,
-13.7090, 0.6510

■ 145.5840,
-13.3880, 0.3400

■ 119.5840,
-13.3880, 0.3400

■ 94.7690, -12.4710,
0.2410

■ 70.7690, -12.4710,
0.2410

■ 48.6550, -12.1500,

-0.0700

■ 27.5410, -11.8290,
-0.3810

■ 5.8020, -8.0700,
3.0820

■ 227.3990,
-14.3050, 0.4390

■ 227.3990,
-14.3050, 0.4390

■ 213.7660,
-25.5840, 1.1040

■ 241.0320, -3.0260,
-0.2260

■ 200.4210,
-37.7340, 1.0340

■ 251.9850, 4.3560,
-1.8520

■ 186.7880,
-49.0130, 1.6990

■ 253.7460, 3.5310,
-3.4210

■ 173.4430,
-61.1630, 1.6290

■ 159.8100,
-72.4420, 2.2940

■ 146.7640,
-83.9960, 2.4360

■ 132.8320,
-95.8710, 2.8890

■ 119.7860,
-107.4250, 3.0310

■ 108.8220,
-116.2740, 3.7100

Harmonies

Analogous

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



226.5080, -16.2300, -3.2220



227.3990, -14.3050, 0.4390



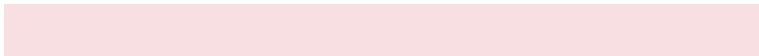
228.4430, -8.4370, 4.2270

Triad

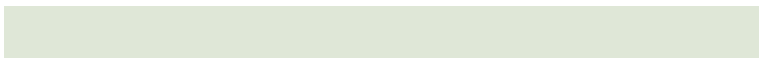
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



227.3990, -14.3050, 0.4390



230.5180, 13.3410, 6.0210



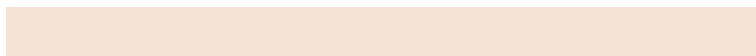
226.7840, 0.3680, -6.6720

Complementary

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



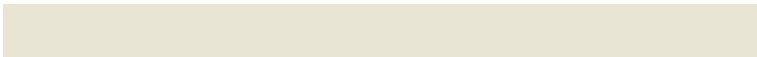
227.3990, -14.3050, 0.4390



230.6010, 14.3050, -0.4390

Split Complementary

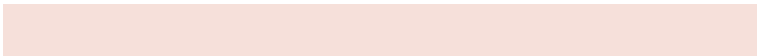
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



228.2580, 7.8410, -4.4390



227.3990, -14.3050, 0.4390



229.8940, 15.0380, 2.7980

Square

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



227.3990, -14.3050, 0.4390



230.6360, 7.1970, 7.2370



229.0030, 13.1130, -0.8630



226.0650, -7.7930, -7.4490

Rectangle

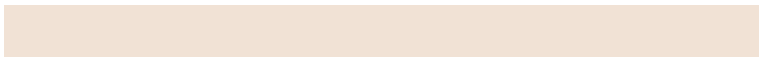
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



227.3990, -14.3050, 0.4390



229.1340, -3.0730, 6.1350



229.0030, 13.1130, -0.8630



227.5670, 2.4770, -6.3470

Sweetspot

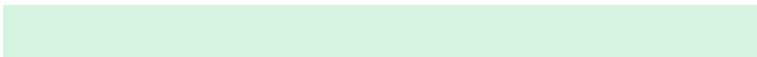
The Sweet Spot groups the original color and five complimentary colors.



227.3990, -14.3050, 0.4390



249.6620, -4.8600, -0.0280



232.9780, -12.1020, -11.9580



124.1460, -3.3470, 0.0850



0.0000, 0.0000, 0.0000



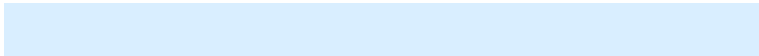
128.0000, -0.0000, -0.0000

Same Dimension

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



227.3990, -14.3050, 0.4390



233.6590, -17.9730, 0.8350



218.5940, -10.1800, 8.2840



115.4770, -5.7770, 0.0710



83.4260, -88.8560, 2.4080



26.0970, -28.0140, 1.0900

Inverse Universe

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



224.9080, 12.4230, 11.6470



230.7560, 15.9070, 14.5870



238.8190, 10.4550, -7.7610



114.3860, 4.9050, 4.7210



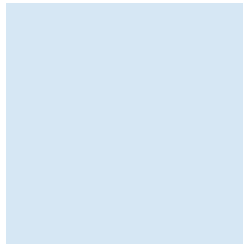
67.6980, 76.8300, 72.3980



21.4030, 24.5710, 22.7710

Previews

White Background



This preview shows how the YIQ color 227.3990, -14.3050, 0.4390 looks on a white background.

Color Contrast Check

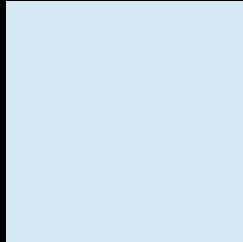
Large Text (above 18pt) WCAG AA × Fail

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 227.3990, -14.3050, 0.4390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

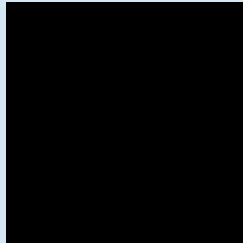
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

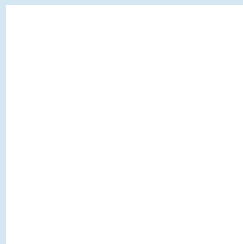
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 227.3990, -14.3050, 0.4390

Background



This preview shows how black text looks on a background with the YIQ color 227.3990, -14.3050, 0.4390.



This preview shows how white text looks on a background with the YIQ color 227.3990, -14.3050,

0.4390.

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

227.3990, -14.3050, 0.4390

Protanopia

228.8950, -3.8980, 4.5660

Deuteranopia

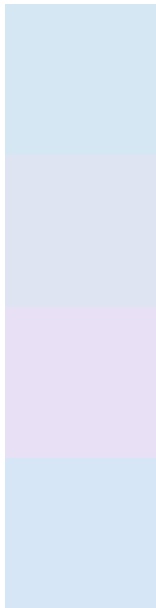
230.7160, 4.2160, 11.7040



Tritanopia

227.6810, -15.0390, 2.7290

Trichromacy



Original Color

227.3990, -14.3050, 0.4390

Protanomaly

228.1010, -7.4740, 3.2940

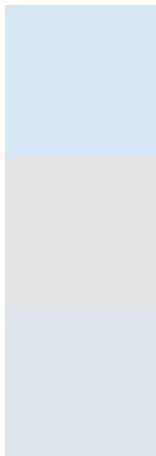
Deuteranomaly

229.3730, -2.2480, 7.7040

Tritanomaly

227.4530, -14.3970, 2.1070

Monochromacy



Original Color

227.3990, -14.3050, 0.4390

Achromatopsia

227.0000, -0.0000, -0.0000

Achromatomaly

226.7760, -5.1810, 0.2830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 227.3990, -14.3050, 0.4390 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, 231, 244)` looks like.

```
.text, #text, p{  
    color:rgb(214, 231, 244)  
}
```

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, 231, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 231, 244) }
```

Border

The CSS property to change the border of an element to YIQ 227.3990, -14.3050, 0.4390 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, 231, 244) }
```


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

```
.border{ border-color:rgb(214, 231, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 231, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 231, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 231, 244);  
box-shadow:4px 4px 4px 4px rgb(214, 231,  
244) }
```

Background

The CSS property to change the background color of an element to YIQ 227.3990, -14.3050, 0.4390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 231, 244) }
```

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

```
.background{ background-color: rgb(214,  
231, 244) }
```

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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