

Converting Colors

YIQ(234.0400, -14.6720, 1.5840)

Have a look what the booklet for
YIQ(234.0400, -14.6720, 1.5840)
contains.

YIQ(234.0400, -14.6720, 1.5840)	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(234.0400, -14.6720,
1.5840)**

Conversions

Conversions Part 1

Format	Color
Hex	DDEDFD
RGB	221, 237, 253
RGB Percent	87%, 93%, 99%
CMY	0.1334, 0.0705, 0.0079
CMYK	0.13, 0.06, 0.00, 0.01
HSL	210°, 89%, 93%
HSV	210°, 13%, 99%
XYZ	77.8295, 83.0340, 104.8386
YIQ	234.0400, -14.6720, 1.5840

Conversions

Conversions Part 2

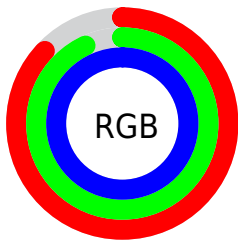
Format	Color
R _Y B	221, 232, 253
Decimal	14544381
CIE Lab	93.03, -2.18, -9.51
CIE LCh	93, 9.757, 257.106
Yxy	83.0340, 0.2929, 0.3125
Android (android.graphics.Color)	4292734461 (0xFFDDED ^{FD})
YUV	234.0400, 9.3473, -11.4361
Hunter-Lab	91.1230, -7.0058, -4.4281

Details

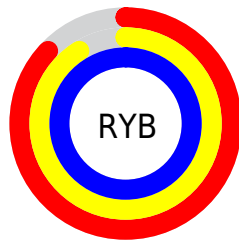
The YIQ color $234.0400, -14.6720, 1.5840$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $239.9600, 14.6720, -1.5840$, and the grayscale version is $234.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $178.2250, -13.7550, 1.4850$ is the 20% darker color. If you saturate the color by 10%, you get $218.9340, -25.9970, 3.0830$, and if you desaturate by 10%, it is $249.1460, -3.3470, 0.0850$.

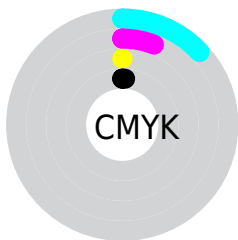
Distribution



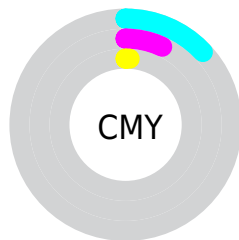
- Red (87%)
- Green (93%)
- Blue (99%)



- Red (87%)
- Yellow (91%)
- Blue (99%)



- Cyan (13%)
- Magenta (6%)
- Yellow (0%)
- Black (1%)



- Cyan (13%)
- Magenta (7%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 234.0400, -14.6720, 1.5840 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 234.0400, -14.6720, 1.5840 by changing the saturation by 10% instead.

■ 234.0400,
-14.6720, 1.5840

■ 234.0400,
-14.6720, 1.5840

255.0000, -0.0000,
-0.0000

■ 205.9260,
-14.3510, 1.2730

■ 178.2250,
-13.7550, 1.4850

■ 151.2250,
-13.7550, 1.4850

■ 125.5240,
-13.1590, 1.6970

■ 100.4100,
-12.8380, 1.3860

■ 76.2960, -12.5170,
1.0750

■ 53.8830, -12.7920,

0.5520

■ 32.1820, -12.1960,
0.7640

■ 10.5950, -11.9210,
1.2870

■ 234.0400,
-14.6720, 1.5840

■ 234.0400,
-14.6720, 1.5840

■ 218.9340,
-25.9970, 3.0830

■ 249.1460, -3.3470,
0.0850

■ 204.1160,
-38.1930, 3.8470

254.7720, 0.6420,
-0.6220

■ 189.0100,
-49.5180, 5.3460

■ 173.9040,
-60.8430, 6.8450

■ 159.3850,
-72.4430, 7.8210

■ 143.9800,
-84.3640, 9.1080

■ 129.4610,
-95.9640, 10.0840

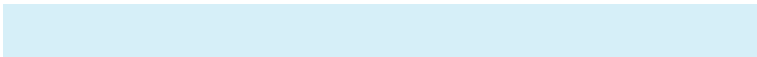
■ 114.3550,
-107.2890, 11.5830

■ 103.3910,
-116.1380, 12.2620

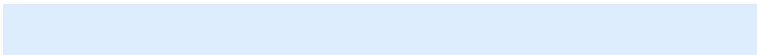
Harmonies

Analogous

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



232.5510, -17.7890, -2.5010



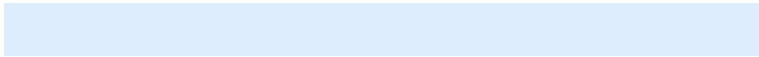
234.0400, -14.6720, 1.5840



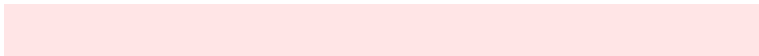
235.5680, -7.2910, 5.4850

Triad

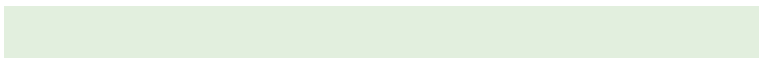
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



234.0400, -14.6720, 1.5840



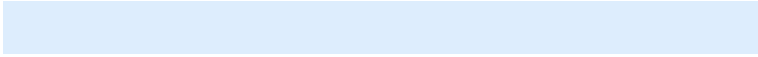
236.8880, 15.1750, 5.8230



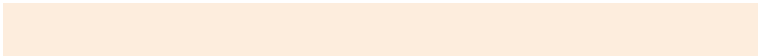
233.1750, -2.2910, -8.0430

Complementary

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



234.0400, -14.6720, 1.5840



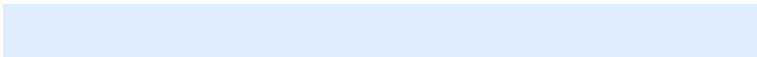
239.9600, 14.6720, -1.5840

Split Complementary

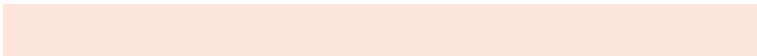
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



234.1330, 6.6950, -5.6970



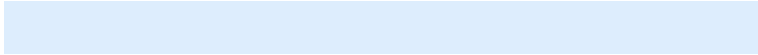
234.0400, -14.6720, 1.5840



236.2640, 16.8720, 2.6000

Square

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



234.0400, -14.6720, 1.5840



237.0170, 10.4980, 7.9860



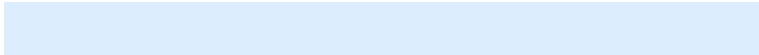
235.3620, 13.4800, -2.0080



231.9830, -10.4980, -7.9860

Rectangle

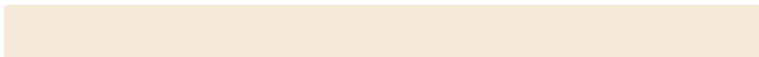
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



234.0400, -14.6720, 1.5840



236.4440, -1.0100, 7.2940



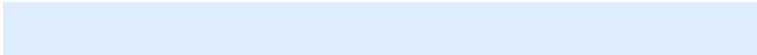
235.3620, 13.4800, -2.0080



233.5560, 1.0100, -7.2940

Sweetspot

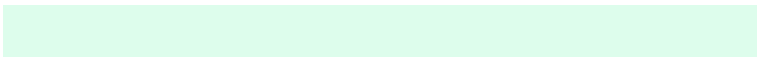
The Sweet Spot groups the original color and five complimentary colors.



234.0400, -14.6720, 1.5840



249.0750, -4.5850, 0.4950



241.4940, -13.6150, -12.0710



123.5590, -3.0720, 0.6080



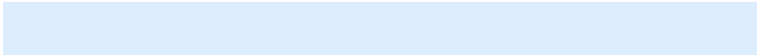
0.0000, 0.0000, 0.0000



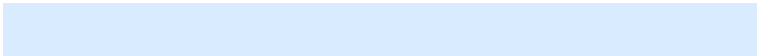
128.0000, -0.0000, -0.0000

Same Dimension

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



234.0400, -14.6720, 1.5840



232.4850, -17.4230, 1.8810



225.2350, -10.5470, 9.4290



120.0040, -5.8230, 0.9050



78.1260, -87.7110, 9.1930



26.0800, -29.3440, 3.1680

Inverse Universe

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



232.3920, 13.9360, 11.7600



230.5280, 16.5490, 13.9650



248.7650, 10.5470, -9.4290



119.5710, 5.8220, 4.6220



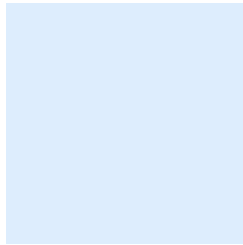
68.0530, 83.0200, 70.3480



22.7840, 27.8720, 23.5200

Previews

White Background



This preview shows how the YIQ color 234.0400, -14.6720, 1.5840 looks on a white background.

Color Contrast Check

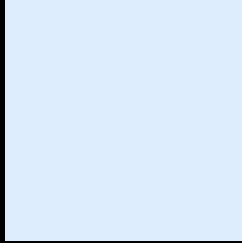
Large Text (above 18pt) WCAG AA × Fail

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 234.0400, -14.6720, 1.5840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

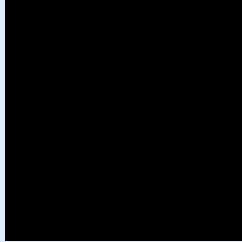
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

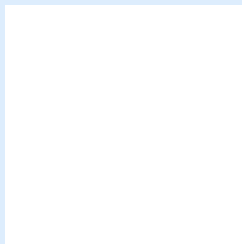
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 234.0400, -14.6720, 1.5840

Background



This preview shows how black text looks on a background with the YIQ color 234.0400, -14.6720, 1.5840.



This preview shows how white text looks on a background with the YIQ color 234.0400, -14.6720, 1.5840.

1.5840.

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

234.0400, -14.6720, 1.5840

Protanopia

235.3510, -5.1820, 5.8100

Deuteranopia

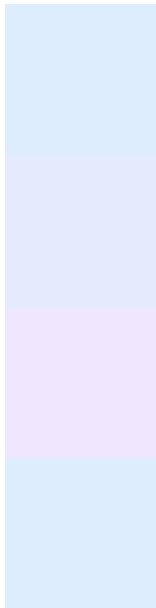
237.0580, 3.2530, 12.6370



Tritanopia

234.5670, -14.7180, 2.4180

Trichromacy



Original Color

234.0400, -14.6720, 1.5840

Protanomaly

234.5570, -8.7580, 4.5380

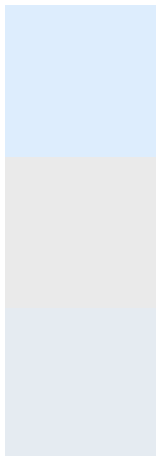
Deuteranomaly

235.7150, -3.2110, 8.6370

Tritanomaly

234.4530, -14.3970, 2.1070

Monochromacy



Original Color

234.0400, -14.6720, 1.5840

Achromatopsia

234.0000, -0.0000, 0.0000

Achromatomaly

233.8900, -5.5020, 0.5940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 234.0400, -14.6720, 1.5840 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(221, 237, 253)` looks like.

```
.text, #text, p{  
    color:rgb(221, 237, 253)  
}
```

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(221, 237, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 237, 253) }
```

Border

The CSS property to change the border of an element to YIQ 234.0400, -14.6720, 1.5840 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(221, 237, 253) }
```


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

```
.border{ border-color:rgb(221, 237, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 237, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 237, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 237, 253);  
box-shadow:4px 4px 4px 4px rgb(221, 237,  
253) }
```

Background

The CSS property to change the background color of an element to YIQ 234.0400, -14.6720, 1.5840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 237, 253) }
```

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

```
.background{ background-color: rgb(221,  
237, 253) }
```

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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