

Converting Colors

YIQ(236.8120, -14.0300, 0.9620)

Have a look what the booklet for
YIQ(236.8120, -14.0300, 0.9620)
contains.

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Color

**YIQ(236.8120, -14.0300,
0.9620)**

Conversions

Conversions Part 1

Format	Color
Hex	E0F0FE
RGB	224, 240, 254
RGB Percent	88%, 94%, 100%
CMY	0.1216, 0.0588, 0.0040
CMYK	0.12, 0.06, 0.00, 0.00
HSL	208°, 94%, 94%
HSV	208°, 12%, 100%
XYZ	79.7869, 85.3249, 106.0158
YIQ	236.8120, -14.0300, 0.9620

Conversions

Conversions Part 2

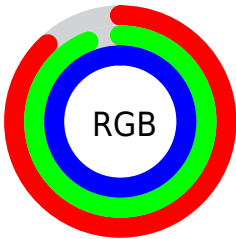
Format	Color
R_{YB}	224, 234, 254
Decimal	14741758
CIE _{Lab}	94.02, -2.57, -8.53
CIE _{LCh}	94, 8.913, 253.234
Yxy	85.3249, 0.2943, 0.3147
Android (android.graphics.Color)	4292931838 (0xFFE0F0FE)
YUV	236.8120, 8.4737, -11.2361
Hunter-Lab	92.3715, -7.4688, -3.3878

Details

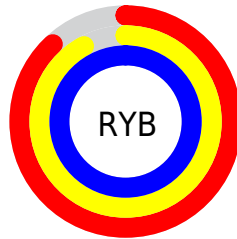
The YIQ color $236.8120, -14.0300, 0.9620$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $241.1880, 14.0300, -0.9620$, and the grayscale version is $237.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $180.9970, -13.1130, 0.8630$ is the 20% darker color. If you saturate the color by 10%, you get $222.2930, -25.6300, 1.9380$, and if you desaturate by 10%, it is $251.3310, -2.4300, -0.0140$.

Distribution



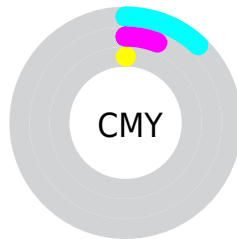
- Red (88%)
- Green (94%)
- Blue (100%)



- Red (88%)
- Yellow (92%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the YIQ color 236.8120, -14.0300, 0.9620 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 236.8120, -14.0300, 0.9620 by changing the saturation by 10% instead.

■ 236.8120,
-14.0300, 0.9620

■ 236.8120,
-14.0300, 0.9620

255.0000, -0.0000,
-0.0000

■ 208.6980,
-13.7090, 0.6510

■ 180.9970,
-13.1130, 0.8630

■ 153.9970,
-13.1130, 0.8630

■ 127.9970,
-13.1130, 0.8630

■ 102.8830,
-12.7920, 0.5520

■ 79.0680, -11.8750,
0.4530

■ 56.0680, -11.8750,

0.4530

■ 33.9540, -11.5540,
0.1420

■ 12.4700, -13.0670,
0.0290

■ 236.8120,
-14.0300, 0.9620

■ 236.8120,
-14.0300, 0.9620

■ 222.2930,
-25.6300, 1.9380

■ 251.3310, -2.4300,
-0.0140

■ 207.4750,
-37.8260, 2.7020

254.8860, 0.3210,
-0.3110

■ 193.5430,
-49.7010, 3.1550

■ 178.7250,
-61.8970, 3.9190

■ 164.2060,
-73.4970, 4.8950

■ 149.6870,
-85.0970, 5.8710

■ 134.8690,
-97.2930, 6.6350

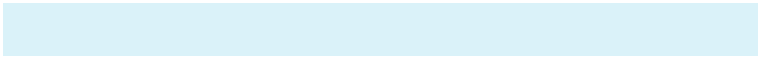
■ 120.3500,
-108.8930, 7.6110

■ 108.7880,
-118.9340, 7.8660

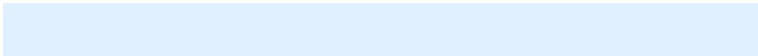
Harmonies

Analogous

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



235.6220, -16.5510, -2.9110



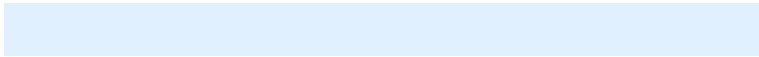
236.8120, -14.0300, 0.9620



238.0410, -7.2450, 4.6510

Triad

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



236.8120, -14.0300, 0.9620



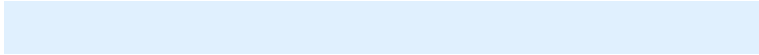
239.1050, 13.0660, 5.4980



236.1860, -0.8240, -7.0960

Complementary

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



236.8120, -14.0300, 0.9620



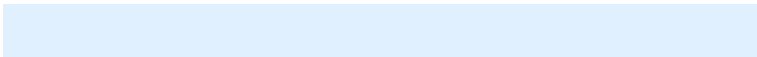
241.1880, 14.0300, -0.9620

Split Complementary

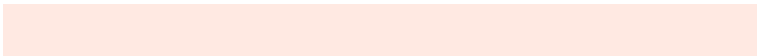
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



236.9590, 7.2450, -4.6510



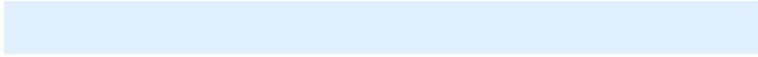
236.8120, -14.0300, 0.9620



238.7800, 15.3590, 2.4870

Square

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



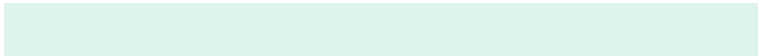
236.8120, -14.0300, 0.9620



240.1200, 8.7100, 7.3500



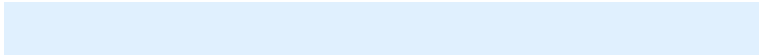
238.5900, 12.8380, -1.3860



235.5810, -9.3060, -7.5620

Rectangle

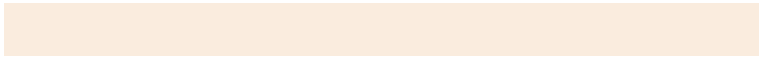
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



236.8120, -14.0300, 0.9620



238.7320, -1.8810, 6.5590



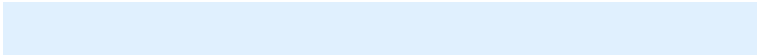
238.5900, 12.8380, -1.3860



236.2680, 1.8810, -6.5590

Sweetspot

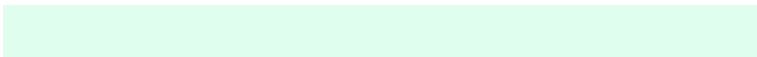
The Sweet Spot groups the original color and five complimentary colors.



236.8120, -14.0300, 0.9620



249.0750, -4.5850, 0.4950



243.0920, -12.4230, -11.6470



124.1460, -3.3470, 0.0850



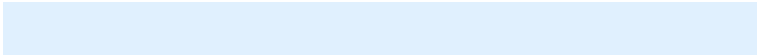
0.0000, 0.0000, 0.0000



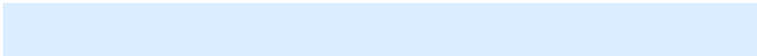
128.0000, -0.0000, -0.0000

Same Dimension

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



236.8120, -14.0300, 0.9620



234.2570, -16.7810, 1.2590



228.0070, -9.9050, 8.8070



120.5910, -6.0980, 0.3820



81.6480, -89.3610, 6.0550



27.2540, -29.8940, 2.1220

Inverse Universe

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



234.7940, 12.7440, 11.3360



231.9300, 15.3570, 13.5410



249.4060, 10.1800, -8.2840



119.6850, 5.5010, 4.9330



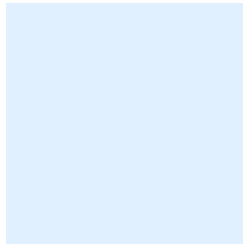
68.7370, 81.0940, 72.2140



23.0120, 27.2300, 24.1420

Previews

White Background



This preview shows how the YIQ color 236.8120, -14.0300, 0.9620 looks on a white background.

Color Contrast Check

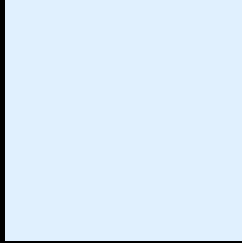
Large Text (above 18pt) WCAG AA × Fail

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 236.8120, -14.0300, 0.9620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

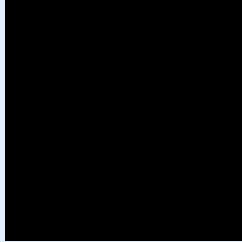
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

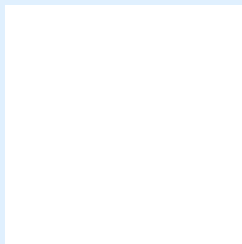
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 236.8120, -14.0300, 0.9620

Background



This preview shows how black text looks on a background with the YIQ color 236.8120, -14.0300, 0.9620.



This preview shows how white text looks on a background with the YIQ color 236.8120, -14.0300,

0.9620.

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

236.8120, -14.0300, 0.9620

Protanopia

238.4220, -3.9440, 5.4000

Deuteranopia

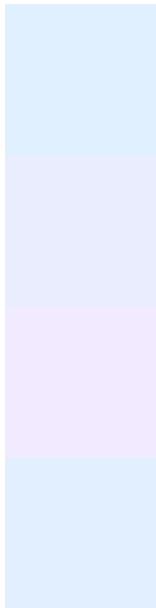
240.0150, 4.8120, 11.9160



Tritanopia

237.2360, -12.2880, 2.4320

Trichromacy



Original Color

236.8120, -14.0300, 0.9620

Protanomaly

237.6280, -7.5200, 4.1280

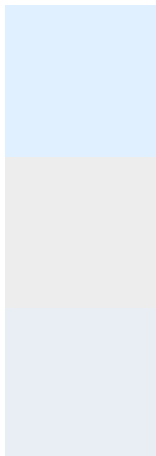
Deuteranomaly

238.7860, -1.9730, 8.2270

Tritanomaly

236.9370, -12.8840, 2.2200

Monochromacy



Original Color

236.8120, -14.0300, 0.9620

Achromatopsia

237.0000, -0.0000, -0.0000

Achromatomaly

236.7760, -5.1810, 0.2830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 236.8120, -14.0300, 0.9620 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(224, 240, 254)` looks like.

```
.text, #text, p{  
    color:rgb(224, 240, 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(224, 240, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 240, 254) }
```

Border

The CSS property to change the border of an element to YIQ 236.8120, -14.0300, 0.9620 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(224, 240, 254) }
```


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

```
.border{ border-color:rgb(224, 240, 254) }
```

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

Here you see how a box with a 4 pixel rgb(224, 240, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 240, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 240, 254);  
box-shadow:4px 4px 4px 4px rgb(224, 240,  
254) }
```

Background

The CSS property to change the background color of an element to YIQ 236.8120, -14.0300, 0.9620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 240, 254) }
```

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

```
.background{ background-color: rgb(224,  
240, 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](#).

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