

Converting Colors

YIQ(226.3050, -16.7360, 5.9520)

Have a look what the booklet for
YIQ(226.3050, -16.7360, 5.9520)
contains.

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Color

**YIQ(226.3050, -16.7360,
5.9520)**

Conversions

Conversions Part 1

Format	Color
Hex	D6E3FF
RGB	214, 227, 255
RGB Percent	84%, 89%, 100%
CMY	0.1608, 0.1098, 0.0001
CMYK	0.16, 0.11, 0.00, 0.00
HSL	221°, 100%, 92%
HSV	221°, 16%, 100%
XYZ	73.2475, 76.4554, 105.4856
YIQ	226.3050, -16.7360, 5.9520

Conversions

Conversions Part 2

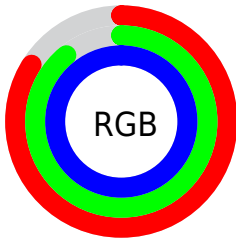
Format	Color
RYB	214, 224, 255
Decimal	14083071
CIELab	90.07, 1.21, -15.02
CIELCh	90, 15.067, 274.610
Yxy	76.4554, 0.2870, 0.2996
Android (android.graphics.Color)	4292273151 (0xFFD6E3FF)
YUV	226.3050, 14.1466, -10.7915
Hunter-Lab	87.4388, -3.4882, -10.3200

Details

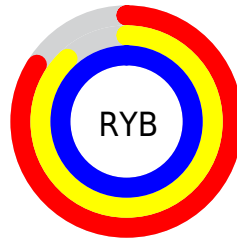
The YIQ color $226.3050, -16.7360, 5.9520$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $242.6950, 16.7360, -5.9520$, and the grayscale version is $226.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $171.0770, -16.0940, 5.3300$ is the 20% darker color. If you saturate the color by 10%, you get $208.8510, -26.9610, 9.5430$, and if you desaturate by 10%, it is $243.7590, -6.5110, 2.3610$.

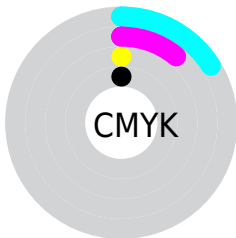
Distribution



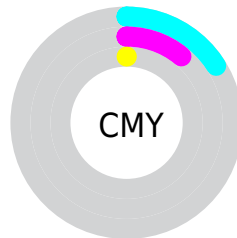
- Red (84%)
- Green (89%)
- Blue (100%)



- Red (84%)
- Yellow (88%)
- Blue (100%)



- Cyan (16%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 226.3050, -16.7360, 5.9520 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 226.3050, -16.7360, 5.9520 by changing the saturation by 10% instead.

■ 226.3050,
-16.7360, 5.9520

■ 226.3050,
-16.7360, 5.9520

255.0000, -0.0000,
-0.0000

■ 198.1910,
-16.4150, 5.6410

■ 171.0770,
-16.0940, 5.3300

■ 144.3760,
-15.4980, 5.5420

■ 118.8490,
-15.4520, 4.7080

■ 93.8490, -15.4520,
4.7080

■ 70.0340, -14.5350,
4.6090

■ 47.5070, -14.4890,

3.7750

■ 25.7950, -15.3600,
3.0400

■ 3.6650, -8.9420,
7.8740

■ 226.3050,
-16.7360, 5.9520

■ 226.3050,
-16.7360, 5.9520

■ 208.8510,
-26.9610, 9.5430

■ 243.7590, -6.5110,
2.3610

■ 190.5110,
-37.5070, 13.4450

255.0000, -0.0000,
-0.0000

■ 173.0570,
-47.7320, 17.0360

■ 154.7170,
-58.2780, 20.9380

■ 137.2630,
-68.5030, 24.5290

■ 119.5100,
-79.3240, 27.9080

■ 101.4690,
-89.2740, 32.0220

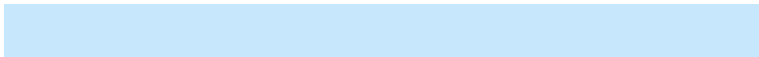
■ 83.7160,
-100.0950, 35.4010

■ 76.6170,
-104.1300, 36.9420

Harmonies

Analogous

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



223.5270, -26.4090, -0.4650



226.3050, -16.7360, 5.9520



228.1820, -3.0280, 10.8280

Triad

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



226.3050, -16.7360, 5.9520



228.2650, 24.2990, 5.6670



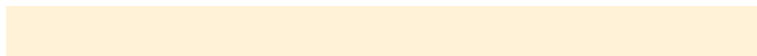
222.7500, -11.4600, -12.5800

Complementary

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



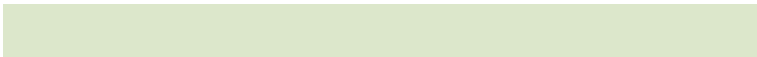
226.3050, -16.7360, 5.9520



242.6950, 16.7360, -5.9520

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.



224.5190, 2.4320, -11.0400



226.3050, -16.7360, 5.9520



227.9780, 23.4290, -0.5950

Square

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



226.3050, -16.7360, 5.9520



229.2740, 20.0800, 10.5440



225.7980, 14.9480, -6.5880



221.6440, -22.7850, -11.0810

Rectangle

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



226.3050, -16.7360, 5.9520



228.9120, 6.6000, 12.5520



225.7980, 14.9480, -6.5880



223.2020, -6.9210, -12.2410

Sweetspot

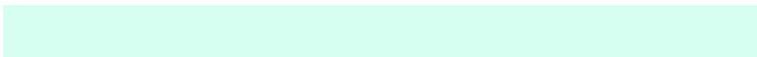
The Sweet Spot groups the original color and five complimentary colors.



226.3050, -16.7360, 5.9520



245.8300, -5.2730, 1.9510



241.1450, -19.9420, -13.0460



122.0860, -3.1180, 1.4420



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.



226.3050, -16.7360, 5.9520



221.2770, -19.5330, 7.0830



220.7670, -8.9890, 14.2350



118.8300, -5.2730, 1.9510



57.5810, -78.0860, 27.4980



19.0360, -26.0440, 9.4440

Inverse Universe

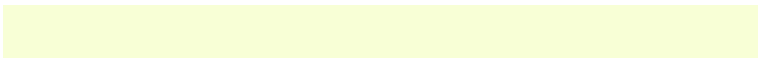
The Inverse Universe completely reimagines the original color for something new.



227.7410, 20.2630, 12.7350



223.0620, 23.7930, 14.8410



248.2330, 8.9890, -14.2350



119.3430, 6.4640, 4.0000



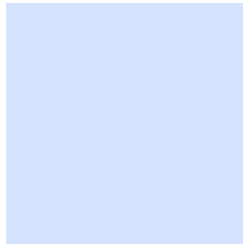
64.0630, 94.2550, 59.4630



21.4160, 31.7240, 19.7880

Previews

White Background



This preview shows how the YIQ color 226.3050, -16.7360, 5.9520 looks on a white background.

Color Contrast Check

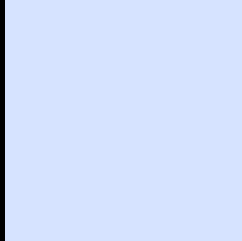
Large Text (above 18pt) WCAG AA × Fail

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 226.3050, -16.7360, 5.9520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

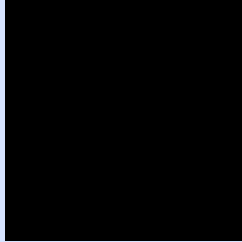
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 226.3050, -16.7360, 5.9520

Background



This preview shows how black text looks on a background with the YIQ color 226.3050, -16.7360, 5.9520.



This preview shows how white text looks on a background with the YIQ color 226.3050, -16.7360,

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

226.3050, -16.7360, 5.9520

Protanopia

227.2950, -10.7760, 8.0720

Deuteranopia

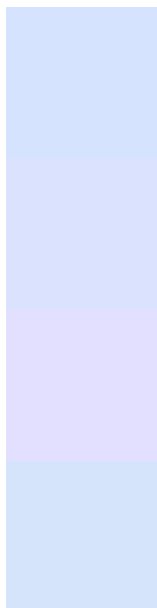
228.7630, -3.1660, 13.3300



Tritanopia

225.3820, -15.6350, 2.5170

Trichromacy



Original Color

226.3050, -16.7360, 5.9520

Protanomaly

227.0990, -13.1600, 7.2240

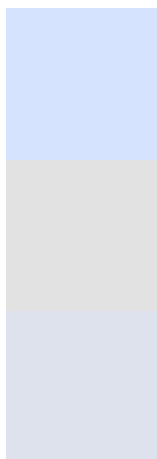
Deuteranomaly

227.8440, -7.8880, 10.8000

Tritanomaly

226.0230, -16.0020, 3.6620

Monochromacy



Original Color

226.3050, -16.7360, 5.9520

Achromatopsia

226.0000, -0.0000, 0.0000

Achromatomaly

226.0580, -5.9150, 2.5730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 226.3050, -16.7360, 5.9520 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, 227, 255)` looks like.

```
.text, #text, p{  
    color:rgb(214, 227, 255)  
}
```

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, 227, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 227, 255) }
```

Border

The CSS property to change the border of an element to YIQ 226.3050, -16.7360, 5.9520 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, 227, 255) }
```


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

```
.border{ border-color:rgb(214, 227, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 227, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 227, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 227, 255);  
box-shadow:4px 4px 4px 4px rgb(214, 227,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 226.3050, -16.7360, 5.9520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 227, 255) }
```

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

```
.background{ background-color: rgb(214,  
227, 255) }
```

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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