

Converting Colors

YIQ(246.6280, -16.6880,
-5.9360)

Have a look what the booklet for
YIQ(246.6280, -16.6880, -5.9360)
contains.

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Color

**YIQ(246.6280, -16.6880,
-5.9360)**

Conversions

Conversions Part 1

Format	Color
Hex	E3FFFF
RGB	227, 255, 255
RGB Percent	89%, 100%, 100%
CMY	0.1099, 0.0000, 0.0001
CMYK	0.11, 0.00, 0.00, 0.00
HSL	180°, 100%, 95%
HSV	180°, 11%, 100%
XYZ	85.4805, 95.0670, 108.4380
YIQ	246.6280, -16.6880, -5.9360

Conversions

Conversions Part 2

Format	Color
R_{YB}	227, 241, 255
Decimal	14942207
CIE _{Lab}	98.06, -9.01, -3.07
CIE _{LCh}	98, 9.520, 198.822
Yxy	95.0670, 0.2958, 0.3290
Android (android.graphics.Color)	4293132287 (0xFFE3FFFF)
YUV	246.6280, 4.1274, -17.2138
Hunter-Lab	97.5023, -14.1378, 2.3118

Details

The YIQ color $246.6280, -16.6880, -5.9360$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $235.3720, 16.6880, 5.9360$, and the grayscale version is $247.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $189.9270, -16.0920, -5.7240$ is the 20% darker color. If you saturate the color by 10%, you get $238.8540, -32.1840, -11.4480$, and if you desaturate by 10%, it is $254.1030, -1.7880, -0.6360$.

Distribution



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



- Red (89%)
- Yellow (95%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the YIQ color 246.6280, -16.6880, -5.9360 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 246.6280, -16.6880, -5.9360 by changing the saturation by 10% instead.

246.6280,
-16.6880, -5.9360

246.6280,
-16.6880, -5.9360

255.0000, -0.0000,
-0.0000

217.9270,
-16.0920, -5.7240

189.9270,
-16.0920, -5.7240

163.2260,
-15.4960, -5.5120

136.6390,
-15.2210, -4.9890

111.5250,
-14.9000, -5.3000

86.8240, -14.3040,
-5.0880

63.2370, -14.0290,

-4.5650

■ 41.1230, -13.7080,
-4.8760

■ 19.5250, -14.9000,
-5.3000

■ 246.6280,
-16.6880, -5.9360

■ 246.6280,
-16.6880, -5.9360

■ 238.8540,
-32.1840, -11.4480

■ 254.1030, -1.7880,
-0.6360

■ 231.3790,
-47.0840, -16.7480

■ 255.0000, -0.0000,
-0.0000

■ 223.6050,
-62.5800, -22.2600

■ 216.1300,
-77.4800, -27.5600

■ 208.3560,
-92.9760, -33.0720

■ 200.8810,
-107.8760, -38.3720

■ 193.1070,
-123.3720, -43.8840

■ 185.6320,
-138.2720, -49.1840

■ 178.7550,
-151.9800, -54.0600

Harmonies

Analogous

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



246.6840, -11.0940, -8.1980



246.6280, -16.6880, -5.9360



246.6390, -15.2210, -4.9890

Triad

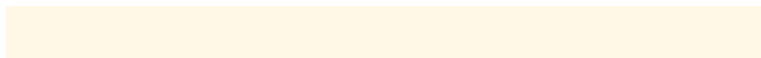
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



246.6280, -16.6880, -5.9360



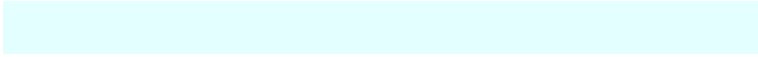
249.1300, 2.7500, 5.2300



248.1550, 9.6290, -3.8030

Complementary

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



246.6280, -16.6880, -5.9360



235.3720, 16.6880, 5.9360

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.



246.9640, 8.8490, -0.6790



246.6280, -16.6880, -5.9360



248.3150, 3.6670, 5.1310

Square

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



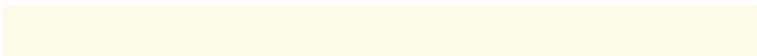
246.6280, -16.6880, -5.9360



248.4990, -2.8430, 1.9650



246.7020, 6.8310, 2.8550



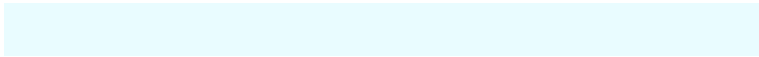
248.8340, 6.0990, -5.9090

Rectangle

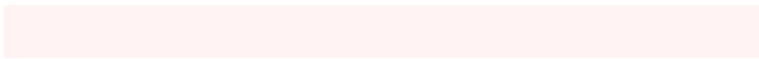
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



246.6280, -16.6880, -5.9360



246.6610, -12.2870, -3.0950



246.7020, 6.8310, 2.8550



247.6820, 9.5830, -2.9690

Sweetspot

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



246.6280, -16.6880, -5.9360



252.6080, -4.7680, -1.6960



243.4360, -7.7000, -14.6440



126.0920, -3.2550, -1.5830



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.



246.6280, -16.6880, -5.9360



245.1330, -19.6680, -6.9960



238.4100, -12.8380, 1.3860



123.9990, -7.4270, -3.0670



133.8910, -113.8360, -40.4920



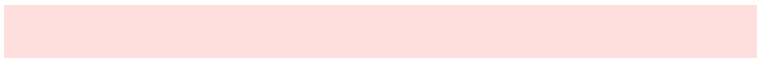
44.8640, -38.1440, -13.5680

Inverse Universe

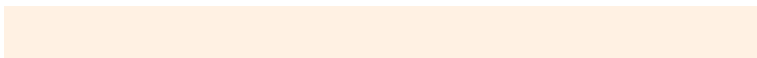
The Inverse Universe completely reimagines the original color for something new.



235.3720, 16.6880, 5.9360



231.8670, 19.6680, 6.9960



243.5900, 12.8380, -1.3860



118.8870, 7.7480, 2.7560



57.1090, 113.8360, 40.4920



19.1360, 38.1440, 13.5680

Previews

White Background



This preview shows how the YIQ color 246.6280, -16.6880, -5.9360 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 246.6280, -16.6880, -5.9360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

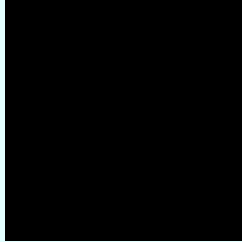
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 246.6280, -16.6880, -5.9360

Background



This preview shows how black text looks on a background with the YIQ color 246.6280, -16.6880, -5.9360.



This preview shows how white text looks on a background with the YIQ color 246.6280, -16.6880, -5.9360.

-5.9360.

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

246.6280, -16.6880, -5.9360



Protanopia

249.8370, 2.0170, 1.9930

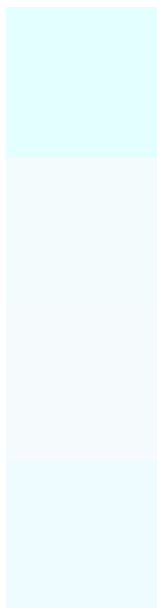
Deuteranopia

249.9620, 3.1630, 3.2510

Tritanopia

249.0750, -4.5850, 0.4950

Trichromacy



Original Color

246.6280, -16.6880, -5.9360

Protanomaly

249.0210, -4.4930, -1.1730

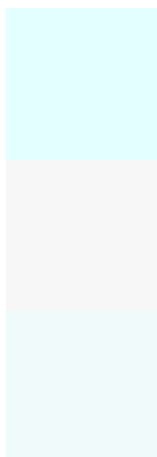
Deuteranomaly

248.8470, -3.9430, -0.1270

Tritanomaly

248.1560, -9.3070, -2.0350

Monochromacy



Original Color

246.6280, -16.6880, -5.9360

Achromatopsia

247.0000, -0.0000, -0.0000

Achromatomaly

247.0100, -5.9600, -2.1200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 246.6280, -16.6880, -5.9360 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(227, 255, 255)` looks like.

```
.text, #text, p{  
    color:rgb(227, 255, 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(227, 255, 255) colored shadow looks like.

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

Border

The CSS property to change the border of an element to YIQ 246.6280, -16.6880, -5.9360 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(227, 255, 255) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to YIQ 246.6280, -16.6880, -5.9360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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