

Converting Colors

YIQ(217.2760, -26.9600, 4.0160)

Have a look what the booklet for
YIQ(217.2760, -26.9600, 4.0160)
contains.

YIQ(217.2760, -26.9600, 4.0160)	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(217.2760, -26.9600,
4.0160)**

Conversions

Conversions Part 1

Format	Color
Hex	C2DEFE
RGB	194, 222, 254
RGB Percent	76%, 87%, 100%
CMY	0.2393, 0.1293, 0.0040
CMYK	0.24, 0.13, 0.00, 0.00
HSL	212°, 97%, 88%
HSV	212°, 24%, 100%
XYZ	66.2535, 70.8702, 103.9251
YIQ	217.2760, -26.9600, 4.0160

Conversions

Conversions Part 2

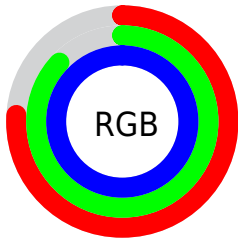
Format	Color
R _Y B	194, 213, 254
Decimal	12771070
CIE Lab	87.42, -2.45, -18.60
CIE LCh	87, 18.765, 262.484
Yxy	70.8702, 0.2749, 0.2940
Android (android.graphics.Color)	4290961150 (0xFFC2DEFE)
YUV	217.2760, 18.1049, -20.4131
Hunter-Lab	84.1844, -6.8425, -14.2640

Details

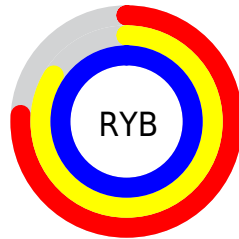
The YIQ color $217.2760, -26.9600, 4.0160$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $230.7240, 26.9600, -4.0160$, and the grayscale version is $217.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $253.8040, -2.3840, -0.8480$, and $162.0480, -26.3180, 3.3940$ is the 20% darker color. If you saturate the color by 10%, you get $201.5830, -38.0100, 6.0380$, and if you desaturate by 10%, it is $232.9690, -15.9100, 1.9940$.

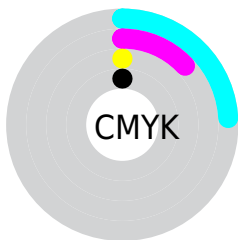
Distribution



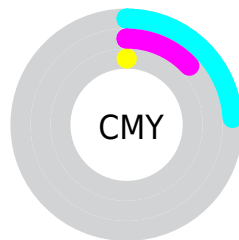
- Red (76%)
- Green (87%)
- Blue (100%)



- Red (76%)
- Yellow (84%)
- Blue (100%)



- Cyan (24%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 217.2760, -26.9600, 4.0160 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 217.2760, -26.9600, 4.0160 by changing the saturation by 10% instead.

■ 217.2760,
-26.9600, 4.0160

■ 217.2760,
-26.9600, 4.0160

■ 255.0000, -0.0000,
-0.0000

■ 189.1620,
-26.6390, 3.7050

■ 253.8040, -2.3840,
-0.8480

■ 162.0480,
-26.3180, 3.3940

■ 135.9340,
-25.9970, 3.0830

■ 110.1190,
-25.0800, 2.9840

■ 85.7060, -25.3550,
2.4610

■ 61.2930, -25.6300,
1.9380

■ 37.2710, -28.5640,

0.0440

■ 20.0330, -21.9620,
1.5420

■ 3.5510, -8.6210,
7.5630

■ 217.2760,
-26.9600, 4.0160

■ 217.2760,
-26.9600, 4.0160

■ 201.5830,
-38.0100, 6.0380

■ 232.9690,
-15.9100, 1.9940

■ 186.1780,
-49.9310, 7.3250

■ 248.3740, -3.9890,
0.7070

■ 170.4850,
-60.9810, 9.3470

254.8860, 0.3210,
-0.3110

■ 155.0800,
-72.9020, 10.6340

■ 139.3870,
-83.9520, 12.6560

■ 124.2810,
-95.2770, 14.1550

■ 108.2890,
-106.9230, 15.9650

■ 98.8090,
-114.2590, 16.7570

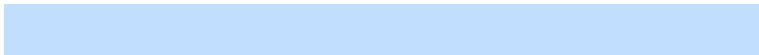
Harmonies

Analogous

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



214.3300, -36.2200, -4.3800



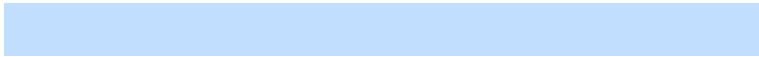
217.2760, -26.9600, 4.0160



220.4030, -10.9600, 11.4080

Triad

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



217.2760, -26.9600, 4.0160



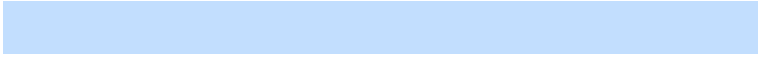
221.2380, 28.9290, 9.8650



214.9090, -7.6540, -15.4780

Complementary

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



217.2760, -26.9600, 4.0160



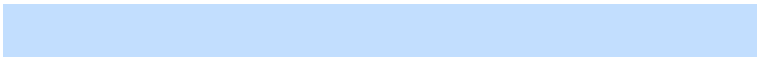
230.7240, 26.9600, -4.0160

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.



216.9990, 9.7680, -11.8320



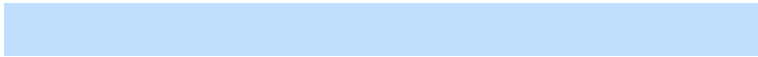
217.2760, -26.9600, 4.0160



220.9790, 30.8560, 2.4720

Square

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



217.2760, -26.9600, 4.0160



222.3930, 21.3630, 14.8270



218.9300, 23.3840, -5.2880



212.9380, -23.7930, -14.8410

Rectangle

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



217.2760, -26.9600, 4.0160



221.7420, 1.3270, 14.5030



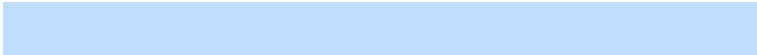
218.9300, 23.3840, -5.2880



215.2580, -1.3270, -14.5030

Sweetspot

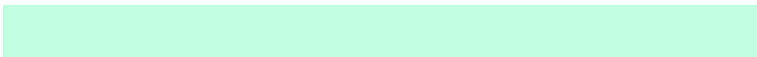
The Sweet Spot groups the original color and five complimentary colors.



217.2760, -26.9600, 4.0160



243.7480, -7.9780, 1.4140



232.7540, -26.4510, -21.7390



121.1890, -4.9060, 0.8060



0.0000, 0.0000, 0.0000



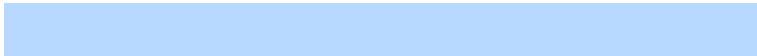
128.0000, -0.0000, -0.0000

Same Dimension

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



217.2760, -26.9600, 4.0160



211.4650, -31.8660, 4.8220



201.1390, -18.6640, 18.8720



120.0040, -5.8230, 0.9050



74.0170, -85.7860, 12.8540



24.9060, -28.7940, 4.2140

Inverse Universe

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



215.1320, 26.7720, 21.4280



208.9910, 31.7230, 25.3150



246.8610, 18.6640, -18.8720



119.5710, 5.8220, 4.6220



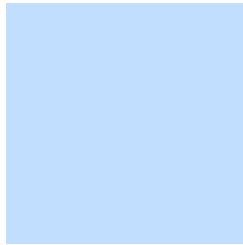
67.2550, 85.2670, 68.1710



22.5560, 28.5140, 22.8980

Previews

White Background



This preview shows how the YIQ color 217.2760, -26.9600, 4.0160 looks on a white background.

Color Contrast Check

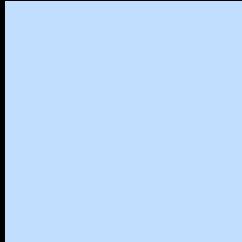
Large Text (above 18pt) WCAG AA × Fail

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 217.2760, -26.9600, 4.0160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

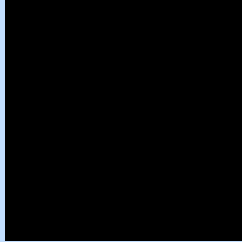
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

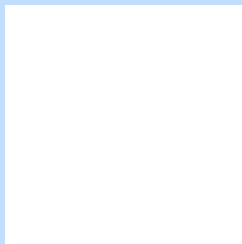
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 217.2760, -26.9600, 4.0160

Background



This preview shows how black text looks on a background with the YIQ color 217.2760, -26.9600, 4.0160.



This preview shows how white text looks on a background with the YIQ color 217.2760, -26.9600,

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

217.2760, -26.9600, 4.0160

Protanopia

219.6800, -13.2980, 9.7260

Deuteranopia

221.0660, -8.3930, 14.4470



Tritanopia

216.4840, -24.8500, -1.1860

Trichromacy



Original Color

217.2760, -26.9600, 4.0160

Protanomaly

218.8750, -18.3410, 7.5070

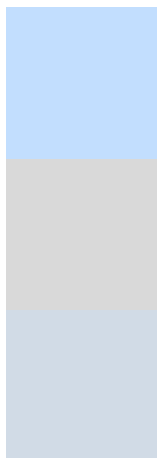
Deuteranomaly

219.8370, -15.1780, 10.7580

Tritanomaly

216.6520, -25.2630, 0.7930

Monochromacy



Original Color

217.2760, -26.9600, 4.0160

Achromatopsia

217.0000, -0.0000, 0.0000

Achromatomaly

217.2640, -9.4910, 1.3010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.2760, -26.9600, 4.0160 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(194, 222, 254)` looks like.

```
.text, #text, p{  
    color:rgb(194, 222, 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(194, 222, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 222, 254) }
```

Border

The CSS property to change the border of an element to YIQ 217.2760, -26.9600, 4.0160 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(194, 222, 254) }
```


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

```
.border{ border-color:rgb(194, 222, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 222, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 222, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 222, 254);  
box-shadow:4px 4px 4px 4px rgb(194, 222,  
254) }
```

Background

The CSS property to change the background color of an element to YIQ 217.2760, -26.9600, 4.0160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 222, 254) }
```

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

```
.background{ background-color: rgb(194,  
222, 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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