

Converting Colors

YIQ(168.6780, -28.1520, 3.5920)

Have a look what the booklet for
YIQ(168.6780, -28.1520, 3.5920)
contains.

YIQ(168.6780, -28.1520, 3.5920)	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(168.6780, -28.1520,
3.5920)**

Conversions

Conversions Part 1

Format	Color
Hex	90AECE
RGB	144, 174, 206
RGB Percent	56%, 68%, 81%
CMY	0.4353, 0.3176, 0.1923
CMYK	0.30, 0.16, 0.00, 0.19
HSL	211°, 39%, 69%
HSV	211°, 30%, 81%
XYZ	37.7742, 40.6597, 64.2275
YIQ	168.6780, -28.1520, 3.5920

Conversions

Conversions Part 2

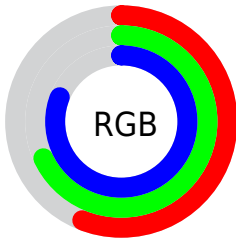
Format	Color
RYB	144, 164, 206
Decimal	9481934
CIELab	69.94, -2.81, -19.57
CIELCh	70, 19.766, 261.838
Yxy	40.6597, 0.2648, 0.2850
Android (android.graphics.Color)	4287672014 (0xFF90AECE)
YUV	168.6780, 18.3997, -21.6426
Hunter-Lab	63.7649, -5.8457, -15.0847

Details

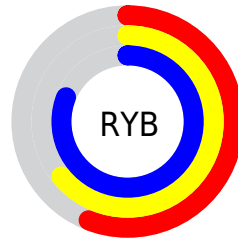
The YIQ color $168.6780, -28.1520, 3.5920$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $181.3220, 28.1520, -3.5920$, and the grayscale version is $169.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $222.9940, -26.2260, 1.7260$, and $116.4500, -27.5100, 2.9700$ is the 20% darker color. If you saturate the color by 10%, you get $155.9420, -37.6430, 4.8930$, and if you desaturate by 10%, it is $181.4140, -18.6610, 2.2910$.

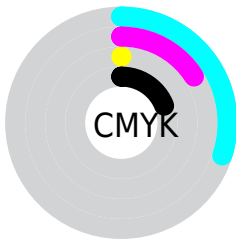
Distribution



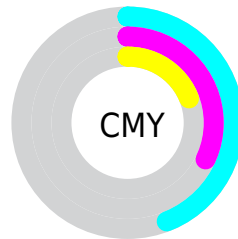
- Red (56%)
- Green (68%)
- Blue (81%)



- Red (56%)
- Yellow (64%)
- Blue (81%)



- Cyan (30%)
- Magenta (16%)
- Yellow (0%)
- Black (19%)



- Cyan (44%)
- Magenta (32%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 168.6780, -28.1520, 3.5920 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 168.6780, -28.1520, 3.5920 by changing the saturation by 10% instead.

■ 168.6780,
-28.1520, 3.5920

■ 168.6780,
-28.1520, 3.5920

■ 255.0000, -0.0000,
-0.0000

■ 141.5640,
-27.8310, 3.2810

■ 222.9940,
-26.2260, 1.7260

■ 116.4500,
-27.5100, 2.9700

■ 246.6280,
-16.6880, -5.9360

■ 91.0370, -27.7850,
2.4470

■ 66.6240, -28.0600,
1.9240

■ 42.9010, -30.3980,
0.2420

■ 23.7660, -25.5840,
1.1040

■ 4.9360, -11.1430,

9.2170

■ 0.5700, -1.6050,
1.5550

■ 0.0000, 0.0000,
0.0000

■ 168.6780,
-28.1520, 3.5920

■ 168.6780,
-28.1520, 3.5920

■ 155.9420,
-37.6430, 4.8930

■ 181.4140,
-18.6610, 2.2910

■ 144.0920,
-46.8130, 5.8830

■ 193.2640, -9.4910,
1.3010

■ 131.3560,
-56.3040, 7.1840

■ 206.0000, -0.0000,
0.0000

■ 119.5060,
-65.4740, 8.1740

■ 217.8500, 9.1700,
-0.9900

■ 106.7700,
-74.9650, 9.4750

■ 230.5860, 18.6610,
-2.2910

■ 94.0340, -84.4560,
10.7760

■ 239.4350, 20.4040,
-6.3480

■ 82.1840, -93.6260,
11.7660

■ 245.3050, 17.6540,
-11.5780

■ 249.4140, 15.7290,
-15.2390

Harmonies

Analogous

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



165.3190, -37.6870, -5.3270



168.6780, -28.1520, 3.5920



172.1040, -11.5560, 11.1960

Triad

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



168.6780, -28.1520, 3.5920



173.5370, 29.5250, 10.0770



166.2080, -7.0580, -15.2660

Complementary

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



168.6780, -28.1520, 3.5920



181.3220, 28.1520, -3.5920

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.



168.8850, 10.0890, -12.1430



168.6780, -28.1520, 3.5920



172.0930, 30.5350, 2.7830

Square

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



168.6780, -28.1520, 3.5920



174.5070, 21.0420, 15.1380



170.6310, 22.7880, -5.5000



164.5250, -24.0680, -15.3640

Rectangle

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



168.6780, -28.1520, 3.5920



173.5570, 0.4100, 14.6020



170.6310, 22.7880, -5.5000



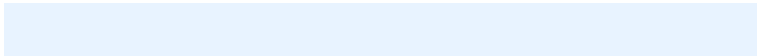
167.2580, -1.3270, -14.5030

Sweetspot

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



168.6780, -28.1520, 3.5920



241.0790, -10.4080, 1.4000



183.9280, -27.0010, -22.7850



118.8190, -6.7400, 1.0040



0.0000, 0.0000, 0.0000



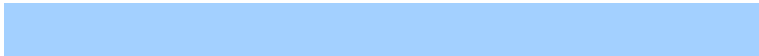
128.0000, -0.0000, -0.0000

Same Dimension

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



168.6780, -28.1520, 3.5920



199.9030, -41.9070, 5.0770



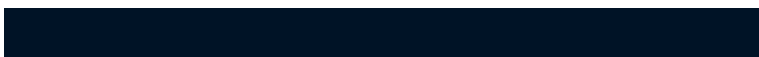
151.0680, -19.9020, 19.2820



96.0750, -4.5850, 0.4950



65.8840, -75.2860, 9.7860



15.4850, -17.4230, 1.8810

Inverse Universe

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



165.9580, 27.3220, 22.4740



195.6380, 40.3870, 33.4990



198.9320, 19.9020, -19.2820



95.5600, 4.3550, 3.6750



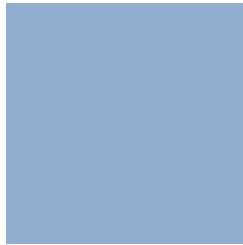
58.7540, 73.2560, 60.0720



13.5280, 16.5490, 13.9650

Previews

White Background



This preview shows how the YIQ color 168.6780, -28.1520, 3.5920 looks on a white background.

Color Contrast Check

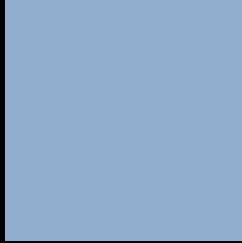
Large Text (above 18pt) WCAG AA × Fail

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 168.6780, -28.1520, 3.5920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

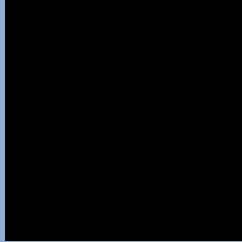
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

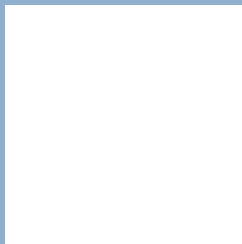
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 168.6780, -28.1520, 3.5920

Background



This preview shows how black text looks on a background with the YIQ color 168.6780, -28.1520, 3.5920.



This preview shows how white text looks on a background with the YIQ color 168.6780, -28.1520,

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

168.6780, -28.1520, 3.5920

Protanopia

171.3810, -13.8940, 9.5140

Deuteranopia

172.1580, -11.6480, 12.8640



Tritanopia

167.8320, -25.9500, -3.2780

Trichromacy



Original Color

168.6780, -28.1520, 3.5920

Protanomaly

170.5760, -18.9370, 7.2950

Deuteranomaly

171.2280, -17.8370, 9.3870

Tritanomaly

168.1140, -26.6840, -0.9880

Monochromacy



Original Color

168.6780, -28.1520, 3.5920

Achromatopsia

169.0000, -0.0000, -0.0000

Achromatomaly

168.9650, -10.0870, 1.0890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 168.6780, -28.1520, 3.5920 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(144, 174, 206)` looks like.

```
.text, #text, p{  
    color:rgb(144, 174, 206)  
}
```

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(144, 174, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 174, 206) }
```

Border

The CSS property to change the border of an element to YIQ 168.6780, -28.1520, 3.5920 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(144, 174, 206) }
```


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

```
.border{ border-color:rgb(144, 174, 206) }
```

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

Here you see how a box with a 4 pixel rgb(144, 174, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 174, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 174, 206);  
box-shadow:4px 4px 4px 4px rgb(144, 174,  
206) }
```

Background

The CSS property to change the background color of an element to YIQ 168.6780, -28.1520, 3.5920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 174, 206) }
```

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

```
.background{ background-color: rgb(144,  
174, 206) }
```

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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