

Converting Colors

YIQ(217.5060, -21.9160, 0.7080)

Have a look what the booklet for
YIQ(217.5060, -21.9160, 0.7080)
contains.

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Color

**YIQ(217.5060, -21.9160,
0.7080)**

Conversions

Conversions Part 1

Format	Color
Hex	C5DFF3
RGB	197, 223, 243
RGB Percent	77%, 87%, 95%
CMY	0.2275, 0.1254, 0.0472
CMYK	0.19, 0.08, 0.00, 0.05
HSL	206°, 66%, 86%
HSV	206°, 19%, 95%
XYZ	65.5870, 71.1193, 95.0439
YIQ	217.5060, -21.9160, 0.7080

Conversions

Conversions Part 2

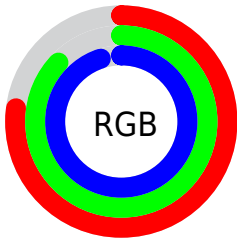
Format	Color
R_{YB}	197, 214, 243
Decimal	12967923
CIE Lab	87.54, -4.47, -12.62
CIE LCh	88, 13.385, 250.501
Yxy	71.1193, 0.2830, 0.3069
Android (android.graphics.Color)	4291158003 (0xFFC5DFF3)
YUV	217.5060, 12.5685, -17.9838
Hunter-Lab	84.3323, -8.7583, -7.7883

Details

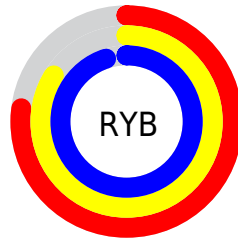
The YIQ color $217.5060, -21.9160, 0.7080$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $222.4940, 21.9160, -0.7080$, and the grayscale version is $217.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $254.7010, -0.5960, -0.2120$, and $162.6910, -20.9990, 0.6090$ is the 20% darker color. If you saturate the color by 10%, you get $203.8730, -33.1950, 1.3730$, and if you desaturate by 10%, it is $231.1390, -10.6370, 0.0430$.

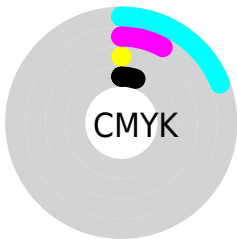
Distribution



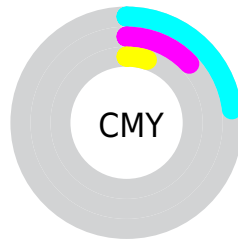
- Red (77%)
- Green (87%)
- Blue (95%)



- Red (77%)
- Yellow (84%)
- Blue (95%)



- Cyan (19%)
- Magenta (8%)
- Yellow (0%)
- Black (5%)



- Cyan (23%)
- Magenta (13%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 217.5060, -21.9160, 0.7080 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 217.5060, -21.9160, 0.7080 by changing the saturation by 10% instead.

■ 217.5060,
-21.9160, 0.7080

■ 217.5060,
-21.9160, 0.7080

255.0000, -0.0000,
-0.0000

■ 189.5060,
-21.9160, 0.7080

254.7010, -0.5960,
-0.2120

■ 162.6910,
-20.9990, 0.6090

■ 136.5770,
-20.6780, 0.2980

■ 110.5770,
-20.6780, 0.2980

■ 85.7620, -19.7610,
0.1990

■ 62.3490, -20.0360,
-0.3240

■ 39.9360, -20.3110,

-0.8470

■ 19.1210, -19.3940,
-0.9460

■ 2.6390, -6.0530,
5.0750

■ 217.5060,
-21.9160, 0.7080

■ 217.5060,
-21.9160, 0.7080

■ 203.8730,
-33.1950, 1.3730

■ 231.1390,
-10.6370, 0.0430

■ 190.5280,
-45.3450, 1.3030

■ 244.4840, 1.5130,
0.1130

■ 176.8950,
-56.6240, 1.9680

■ 253.6320, 3.8520,
-3.7320

■ 163.8490,
-68.1780, 2.1100

■ 150.2160,
-79.4570, 2.7750

■ 136.8710,
-91.6070, 2.7050

■ 123.2380,
-102.8860, 3.3700

■ 110.1920,
-114.4400, 3.5120

■ 108.7080,
-115.9530, 3.3990

Harmonies

Analogous

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



215.6640, -25.5370, -5.2570



217.5060, -21.9160, 0.7080



219.7570, -12.1970, 6.2910

Triad

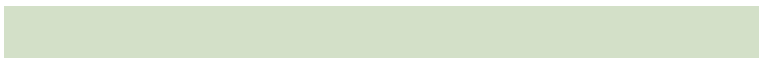
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



217.5060, -21.9160, 0.7080



222.2200, 20.1720, 8.8760



217.3770, -0.0440, -10.2200

Complementary

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



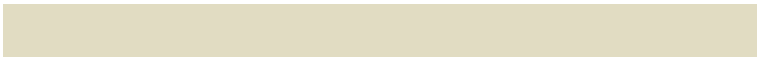
217.5060, -21.9160, 0.7080



222.4940, 21.9160, -0.7080

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.



218.5310, 11.3260, -7.0260



217.5060, -21.9160, 0.7080



221.1400, 23.1530, 4.4090

Square

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



217.5060, -21.9160, 0.7080



222.1960, 11.5520, 10.9120



220.2980, 19.5320, -1.5560



215.6190, -12.4690, -10.8130

Rectangle

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



217.5060, -21.9160, 0.7080



220.6440, -4.4490, 9.0470



220.2980, 19.5320, -1.5560



217.6440, 3.5780, -9.7820

Sweetspot

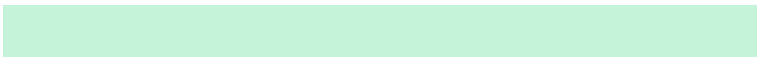
The Sweet Spot groups the original color and five complimentary colors.



217.5060, -21.9160, 0.7080



246.4060, -7.0150, 0.4810



226.2820, -19.0700, -17.8380



122.9610, -4.2640, 0.1840



0.0000, 0.0000, 0.0000



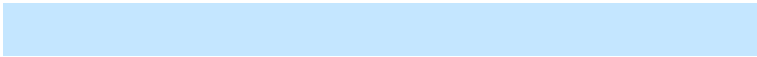
128.0000, -0.0000, -0.0000

Same Dimension

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



217.5060, -21.9160, 0.7080



222.6840, -28.2890, 0.5670



204.0050, -15.5910, 12.7370



115.4770, -5.7770, 0.0710



82.8390, -88.5810, 2.9310



26.0970, -28.0140, 1.0900

Inverse Universe

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



213.7180, 19.0700, 17.8380



217.5170, 24.2500, 23.0820



235.9950, 15.5910, -12.7370



114.3860, 4.9050, 4.7210



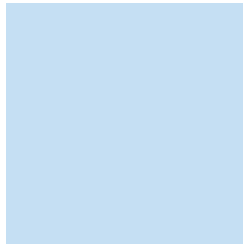
67.5840, 77.1510, 72.0870



21.4030, 24.5710, 22.7710

Previews

White Background



This preview shows how the YIQ color 217.5060, -21.9160, 0.7080 looks on a white background.

Color Contrast Check

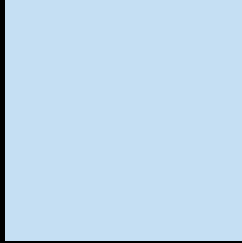
Large Text (above 18pt) WCAG AA × Fail

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 217.5060, -21.9160, 0.7080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

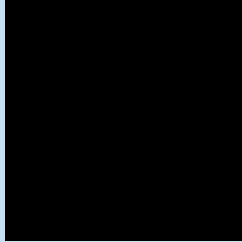
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

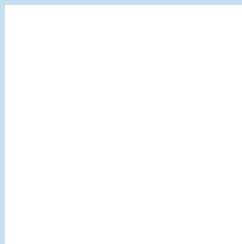
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 217.5060, -21.9160, 0.7080

Background



This preview shows how black text looks on a background with the YIQ color 217.5060, -21.9160, 0.7080.



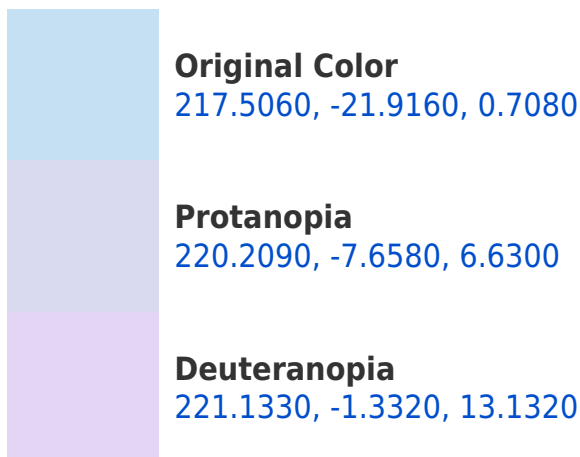
This preview shows how white text looks on a background with the YIQ color 217.5060, -21.9160,

0.7080.

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

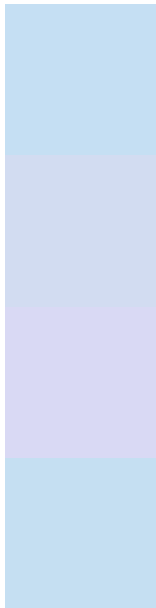




Tritanopia

217.2780, -21.2740, 0.0860

Trichromacy



Original Color

217.5060, -21.9160, 0.7080

Protanomaly

219.4040, -12.7010, 4.4110

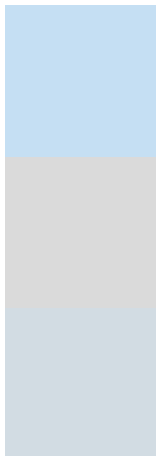
Deuteranomaly

220.0780, -8.6670, 8.3970

Tritanomaly

217.3920, -21.5950, 0.3970

Monochromacy



Original Color

217.5060, -21.9160, 0.7080

Achromatopsia

218.0000, -0.0000, 0.0000

Achromatomaly

217.8080, -8.2070, 0.0570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.5060, -21.9160, 0.7080 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(197, 223, 243)` looks like.

```
.text, #text, p{  
    color:rgb(197, 223, 243)  
}
```

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(197, 223, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 223, 243) }
```

Border

The CSS property to change the border of an element to YIQ 217.5060, -21.9160, 0.7080 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(197, 223, 243) }
```


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

```
.border{ border-color:rgb(197, 223, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 223, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 223, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 223, 243);  
box-shadow:4px 4px 4px 4px rgb(197, 223,  
243) }
```

Background

The CSS property to change the background color of an element to YIQ 217.5060, -21.9160, 0.7080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 223, 243) }
```

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

```
.background{ background-color: rgb(197,  
223, 243) }
```

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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