

Converting Colors

YIQ(197.2780, -21.2740, 0.0860)

Have a look what the booklet for
YIQ(197.2780, -21.2740, 0.0860)
contains.

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Color

**YIQ(197.2780, -21.2740,
0.0860)**

Conversions

Conversions Part 1

Format	Color
Hex	B1CBDD
RGB	177, 203, 221
RGB Percent	69%, 80%, 87%
CMY	0.3059, 0.2039, 0.1334
CMYK	0.20, 0.08, 0.00, 0.13
HSL	205°, 39%, 78%
HSV	204°, 20%, 87%
XYZ	52.5348, 57.2818, 76.6767
YIQ	197.2780, -21.2740, 0.0860

Conversions

Conversions Part 2

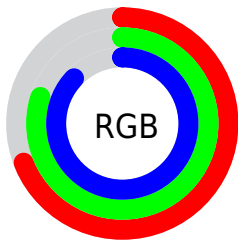
Format	Color
RYB	177, 193, 221
Decimal	11652061
CIELab	80.34, -4.91, -11.84
CIELCh	80, 12.816, 247.458
Yxy	57.2818, 0.2817, 0.3072
Android (android.graphics.Color)	4289842141 (0xFFB1CBDD)
YUV	197.2780, 11.6949, -17.7838
Hunter-Lab	75.6847, -8.5465, -7.0878

Details

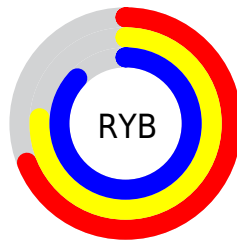
The YIQ color $197.2780, -21.2740, 0.0860$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $200.7220, 21.2740, -0.0860$, and the grayscale version is $197.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $248.4220, -13.1120, -4.6640$, and $143.4630, -20.3570, -0.0130$ is the 20% darker color. If you saturate the color by 10%, you get $185.4170, -31.9110, 0.1290$, and if you desaturate by 10%, it is $209.1390, -10.6370, 0.0430$.

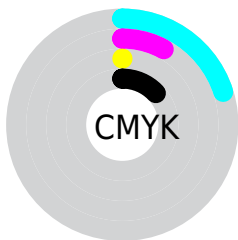
Distribution



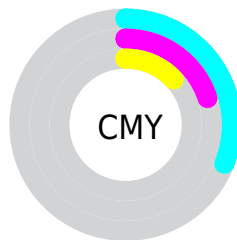
- Red (69%)
- Green (80%)
- Blue (87%)



- Red (69%)
- Yellow (76%)
- Blue (87%)



- Cyan (20%)
- Magenta (8%)
- Yellow (0%)
- Black (13%)



- Cyan (31%)
- Magenta (20%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 197.2780, -21.2740, 0.0860 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 197.2780, -21.2740, 0.0860 by changing the saturation by 10% instead.

■ 197.2780,
-21.2740, 0.0860

■ 197.2780,
-21.2740, 0.0860

■ 255.0000, -0.0000,
-0.0000

■ 170.1640,
-20.9530, -0.2250

■ 248.4220,
-13.1120, -4.6640

■ 143.4630,
-20.3570, -0.0130

■ 117.4630,
-20.3570, -0.0130

■ 92.6480, -19.4400,
-0.1120

■ 69.2350, -19.7150,
-0.6350

■ 46.1210, -19.3940,
-0.9460

■ 24.1100, -20.8610,

-1.8930

■ 4.4970, -8.5290,
5.8950

■ 0.0000, 0.0000,
0.0000

■ 197.2780,
-21.2740, 0.0860

■ 197.2780,
-21.2740, 0.0860

■ 185.4170,
-31.9110, 0.1290

■ 209.1390,
-10.6370, 0.0430

■ 173.5560,
-42.5480, 0.1720

■ 221.0000, 0.0000,
0.0000

■ 161.6950,
-53.1850, 0.2150

■ 232.8610, 10.6370,
-0.0430

■ 149.8340,
-63.8220, 0.2580

■ 241.7320, 15.3140,
-2.2060

■ 137.9730,
-74.4590, 0.3010

■ 247.0150, 12.8390,
-6.9130

■ 125.8130,
-85.6920, 0.1320

■ 251.1240, 10.9140,
-10.5740

■ 113.9520,
-96.3290, 0.1750

■ 102.0910,
-106.9660, 0.2180

Harmonies

Analogous

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



196.0340, -23.7030, -5.4550



197.2780, -21.2740, 0.0860



199.0450, -13.0680, 5.5560

Triad

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



197.2780, -21.2740, 0.0860



201.5510, 17.7420, 8.8620



197.0890, 0.8270, -9.4850

Complementary

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



197.2780, -21.2740, 0.0860



200.7220, 21.2740, -0.0860

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.



198.4710, 11.5550, -5.6690



197.2780, -21.2740, 0.0860



200.7700, 21.3190, 4.6070

Square

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



197.2780, -21.2740, 0.0860



201.7120, 10.0390, 10.7990



199.9390, 19.1650, -0.4110



196.1030, -10.9560, -10.7000

Rectangle

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



197.2780, -21.2740, 0.0860



200.8180, -4.9990, 8.0010



199.9390, 19.1650, -0.4110



197.7690, 4.7240, -8.5240

Sweetspot

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



197.2780, -21.2740, 0.0860



246.9930, -7.2900, -0.0420



204.8800, -17.8780, -17.4140



122.9610, -4.2640, 0.1840



0.0000, 0.0000, 0.0000



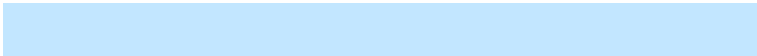
128.0000, -0.0000, -0.0000

Same Dimension

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



197.2780, -21.2740, 0.0860



222.0860, -29.4810, 0.1430



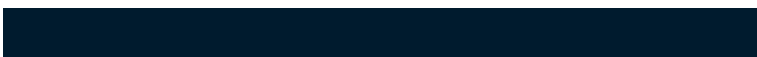
184.3640, -15.2240, 11.5920



103.7760, -5.1810, 0.2830



80.1830, -83.8580, -0.0660



21.0930, -22.1910, 0.1850

Inverse Universe

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



193.1200, 17.8780, 17.4140



216.3430, 24.8000, 24.1280



213.6360, 15.2240, -11.5920



102.9730, 4.6300, 4.1980



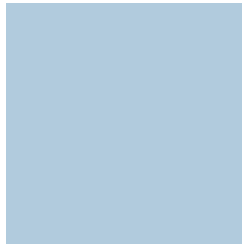
63.4690, 70.0450, 68.7090



16.8320, 18.7490, 18.1490

Previews

White Background



This preview shows how the YIQ color 197.2780, -21.2740, 0.0860 looks on a white background.

Color Contrast Check

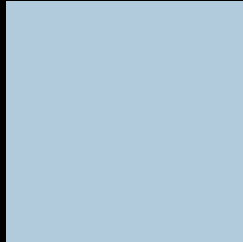
Large Text (above 18pt) WCAG AA × Fail

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 197.2780, -21.2740, 0.0860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

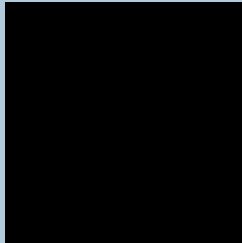
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

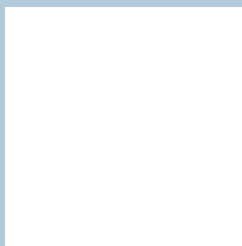
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 197.2780, -21.2740, 0.0860

Background



This preview shows how black text looks on a background with the YIQ color 197.2780, -21.2740, 0.0860.



This preview shows how white text looks on a background with the YIQ color 197.2780, -21.2740,

0.0860.

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

197.2780, -21.2740, 0.0860

Protanopia

199.9810, -7.0160, 6.0080

Deuteranopia

201.1930, -1.5610, 11.7750



Tritanopia

197.0500, -20.6320, -0.5360

Trichromacy



Original Color

197.2780, -21.2740, 0.0860

Protanomaly

199.1760, -12.0590, 3.7890

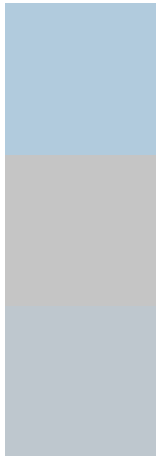
Deuteranomaly

199.5510, -8.6210, 7.5630

Tritanomaly

197.1640, -20.9530, -0.2250

Monochromacy



Original Color

197.2780, -21.2740, 0.0860

Achromatopsia

197.0000, -0.0000, -0.0000

Achromatomaly

197.1070, -7.6110, 0.2690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 197.2780, -21.2740, 0.0860 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(177, 203, 221)` looks like.

```
.text, #text, p{  
    color:rgb(177, 203, 221)  
}
```

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(177, 203, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 203, 221) }
```

Border

The CSS property to change the border of an element to YIQ 197.2780, -21.2740, 0.0860 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(177, 203, 221) }
```


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

```
.border{ border-color:rgb(177, 203, 221) }
```

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

Here you see how a box with a 4 pixel rgb(177, 203, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 203, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 203, 221);  
box-shadow:4px 4px 4px 4px rgb(177, 203,  
221) }
```

Background

The CSS property to change the background color of an element to YIQ 197.2780, -21.2740, 0.0860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 203, 221) }
```

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

```
.background{ background-color: rgb(177,  
203, 221) }
```

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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