

Converting Colors

YIQ(202.1320, -17.9270, 0.0010)

Have a look what the booklet for
YIQ(202.1320, -17.9270, 0.0010)
contains.

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Color

**YIQ(202.1320, -17.9270,
0.0010)**

Conversions

Conversions Part 1

Format	Color
Hex	B9CFDE
RGB	185, 207, 222
RGB Percent	73%, 81%, 87%
CMY	0.2745, 0.1882, 0.1295
CMYK	0.17, 0.07, 0.00, 0.13
HSL	204°, 36%, 80%
HSV	204°, 17%, 87%
XYZ	55.5020, 60.2159, 77.7900
YIQ	202.1320, -17.9270, 0.0010

Conversions

Conversions Part 2

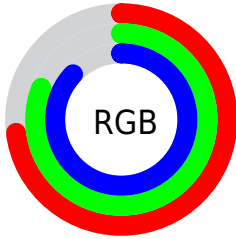
Format	Color
R _Y B	185, 199, 222
Decimal	12177374
CIE Lab	81.96, -4.30, -9.90
CIE LCh	82, 10.798, 246.526
Yxy	60.2159, 0.2868, 0.3112
Android (android.graphics.Color)	4290367454 (0xFFB9CFDE)
YUV	202.1320, 9.7949, -15.0248
Hunter-Lab	77.5989, -8.1273, -5.1168

Details

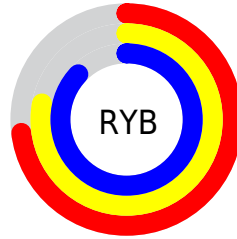
The YIQ color $202.1320, -17.9270, 0.0010$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $204.8680, 17.9270, -0.0010$, and the grayscale version is $202.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $250.8140, -8.3440, -2.9680$, and $148.3170, -17.0100, -0.0980$ is the 20% darker color. If you saturate the color by 10%, you get $190.2710, -28.5640, 0.0440$, and if you desaturate by 10%, it is $213.9930, -7.2900, -0.0420$.

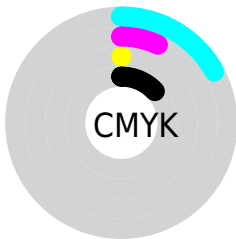
Distribution



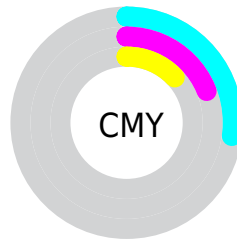
- Red (73%)
- Green (81%)
- Blue (87%)



- Red (73%)
- Yellow (78%)
- Blue (87%)



- Cyan (17%)
- Magenta (7%)
- Yellow (0%)
- Black (13%)



- Cyan (27%)
- Magenta (19%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 202.1320, -17.9270, 0.0010 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 202.1320, -17.9270, 0.0010 by changing the saturation by 10% instead.

■ 202.1320,
-17.9270, 0.0010

■ 202.1320,
-17.9270, 0.0010

255.0000, -0.0000,
-0.0000

■ 174.4310,
-17.3310, 0.2130

■ 250.8140, -8.3440,
-2.9680

■ 148.3170,
-17.0100, -0.0980

■ 122.3170,
-17.0100, -0.0980

■ 97.2030, -16.6890,
-0.4090

■ 73.3880, -15.7720,
-0.5080

■ 50.3880, -15.7720,
-0.5080

■ 28.6760, -16.6430,

-1.2430

■ 9.3070, -11.0500,
2.0220

■ 0.0000, 0.0000,
0.0000

■ 202.1320,
-17.9270, 0.0010

■ 202.1320,
-17.9270, 0.0010

■ 190.2710,
-28.5640, 0.0440

■ 213.9930, -7.2900,
-0.0420

■ 178.4100,
-39.2010, 0.0870

■ 225.8540, 3.3470,
-0.0850

■ 166.2500,
-50.4340, -0.0820

■ 238.0140, 14.5800,
0.0840

■ 154.3890,
-61.0710, -0.0390

■ 244.1940, 13.8930,
-3.9870

■ 142.5280,
-71.7080, 0.0040

■ 249.4770, 11.4180,
-8.6940

■ 130.6670,
-82.3450, 0.0470

■ 251.2380, 10.5930,
-10.2630

■ 118.8060,
-92.9820, 0.0900

■ 106.6460,
-104.2150, -0.0790

■ 102.7920,
-107.5620, 0.0060

Harmonies

Analogous

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



200.7140, -19.8060, -4.4940



202.1320, -17.9270, 0.0010



203.8880, -11.1880, 4.5240

Triad

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



202.1320, -17.9270, 0.0010



205.9420, 15.0830, 7.4910



202.0290, 1.0560, -8.1280

Complementary

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



202.1320, -17.9270, 0.0010



204.8680, 17.9270, -0.0010

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.



203.5140, 9.9960, -4.9480



202.1320, -17.9270, 0.0010



205.3890, 18.0180, 3.8580

Square

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



202.1320, -17.9270, 0.0010



205.8750, 8.0220, 8.8060



204.3840, 16.4140, -0.1140



200.8260, -8.6180, -9.0180

Rectangle

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



202.1320, -17.9270, 0.0010



204.8780, -5.2280, 6.6440



204.3840, 16.4140, -0.1140



202.5240, 4.0360, -7.0680

Sweetspot

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



202.1320, -17.9270, 0.0010



248.1780, -6.3730, -0.1410



208.4290, -14.9900, -14.6860



123.2600, -3.6680, 0.3960



0.0000, 0.0000, 0.0000



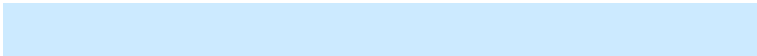
128.0000, -0.0000, -0.0000

Same Dimension

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



202.1320, -17.9270, 0.0010



227.4240, -24.6210, 0.1710



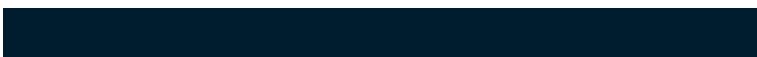
191.5660, -12.9770, 9.4150



106.3630, -5.4560, -0.2400



81.6990, -85.3710, -0.1790



22.4950, -23.3830, -0.2390

Inverse Universe

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



198.5710, 14.9900, 14.6860



222.6690, 20.7660, 20.1420



215.4340, 12.9770, -9.4150



105.0870, 4.3090, 4.5090



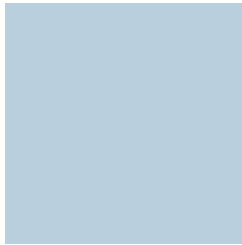
64.5940, 71.1910, 69.9670



17.6580, 19.2990, 19.1950

Previews

White Background



This preview shows how the YIQ color 202.1320, -17.9270, 0.0010 looks on a white background.

Color Contrast Check

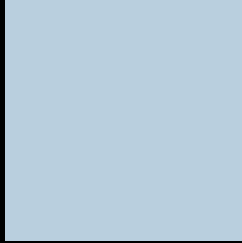
Large Text (above 18pt) WCAG AA × Fail

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 202.1320, -17.9270, 0.0010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

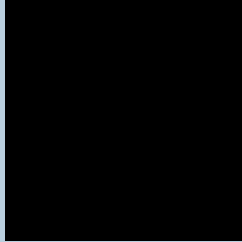
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

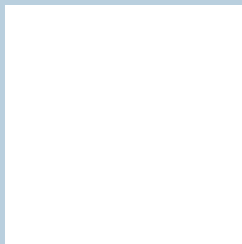
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 202.1320, -17.9270, 0.0010

Background



This preview shows how black text looks on a background with the YIQ color 202.1320, -17.9270, 0.0010.



This preview shows how white text looks on a background with the YIQ color 202.1320, -17.9270,

0.0010.

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

202.1320, -17.9270, 0.0010

Protanopia

204.2370, -4.8610, 5.4990

Deuteranopia

205.7480, 1.1900, 11.4780



Tritanopia

202.2460, -18.2480, 0.3120

Trichromacy



Original Color

202.1320, -17.9270, 0.0010

Protanomaly

203.4320, -9.9040, 3.2800

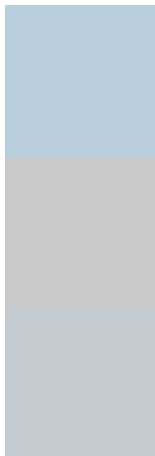
Deuteranomaly

204.1060, -5.8700, 7.2660

Tritanomaly

202.2460, -18.2480, 0.3120

Monochromacy



Original Color

202.1320, -17.9270, 0.0010

Achromatopsia

202.0000, -0.0000, 0.0000

Achromatomaly

202.1780, -6.3730, -0.1410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 202.1320, -17.9270, 0.0010 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(185, 207, 222)` looks like.

```
.text, #text, p{  
    color:rgb(185, 207, 222)  
}
```

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(185, 207, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 207, 222) }
```

Border

The CSS property to change the border of an element to YIQ 202.1320, -17.9270, 0.0010 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(185, 207, 222) }
```


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

```
.border{ border-color:rgb(185, 207, 222) }
```

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

Here you see how a box with a 4 pixel rgb(185, 207, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 207, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 207, 222);  
box-shadow:4px 4px 4px 4px rgb(185, 207,  
222) }
```

Background

The CSS property to change the background color of an element to YIQ 202.1320, -17.9270, 0.0010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 207, 222) }
```

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

```
.background{ background-color: rgb(185,  
207, 222) }
```

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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