

Converting Colors

YIQ(177.7920, -2.1100, 5.2020)

Have a look what the booklet for
YIQ(177.7920, -2.1100, 5.2020)
contains.

YIQ(177.7920, -2.1100, 5.2020)	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(177.7920, -2.1100,
5.2020)**

Conversions

Conversions Part 1

Format	Color
Hex	B3AFBD
RGB	179, 175, 189
RGB Percent	70%, 69%, 74%
CMY	0.2980, 0.3137, 0.2588
CMYK	0.05, 0.07, 0.00, 0.26
HSL	257°, 10%, 71%
HSV	257°, 7%, 74%
XYZ	43.1059, 43.9175, 54.3463
YIQ	177.7920, -2.1100, 5.2020

Conversions

Conversions Part 2

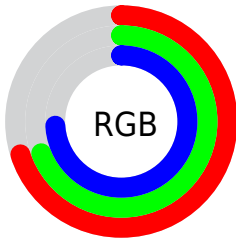
Format	Color
R_{YB}	179, 175, 189
Decimal	11775933
CIE _{Lab}	72.17, 4.09, -6.62
CIE _{LCh}	72, 7.788, 301.719
Yxy	43.9175, 0.3049, 0.3107
Android (android.graphics.Color)	4289966013 (0xFFB3AFBD)
YUV	177.7920, 5.5255, 1.0594
Hunter-Lab	66.2703, 0.1335, -2.2328

Details

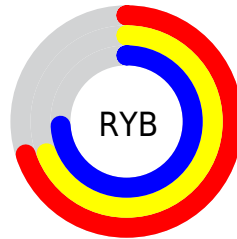
The YIQ color $177.7920, -2.1100, 5.2020$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $186.2080, 2.1100, -5.2020$, and the grayscale version is $178.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $233.7920, -2.1100, 5.2020$, and $125.3790, -2.3850, 4.6790$ is the 20% darker color. If you saturate the color by 10%, you get $162.7520, -4.6330, 12.3830$, and if you desaturate by 10%, it is $192.8320, 0.4130, -1.9790$.

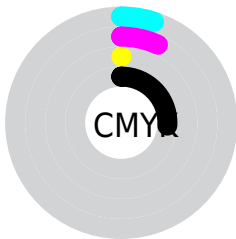
Distribution



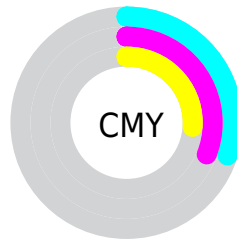
- Red (70%)
- Green (69%)
- Blue (74%)



- Red (70%)
- Yellow (69%)
- Blue (74%)



- Cyan (5%)
- Magenta (7%)
- Yellow (0%)
- Black (26%)



- Cyan (30%)
- Magenta (31%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 177.7920, -2.1100, 5.2020 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 177.7920, -2.1100, 5.2020 by changing the saturation by 10% instead.

■ 177.7920, -2.1100,
5.2020

■ 177.7920, -2.1100,
5.2020

■ 255.0000, -0.0000,
-0.0000

■ 150.7920, -2.1100,
5.2020

■ 233.7920, -2.1100,
5.2020

■ 125.3790, -2.3850,
4.6790

■ 100.2650, -2.0640,
4.3680

■ 76.2650, -2.0640,
4.3680

■ 53.5640, -1.4680,
4.5800

■ 32.1510, -1.7430,
4.0570

■ 8.6180, -1.5600,

6.2480

0.0000, 0.0000,
0.0000

177.7920, -2.1100,
5.2020

177.7920, -2.1100,
5.2020

162.7520, -4.6330,
12.3830

192.8320, 0.4130,
-1.9790

147.4130, -7.7520,
19.3520

208.1710, 3.5320,
-8.9480

132.3730,
-10.2750, 26.5330

223.2110, 6.0550,
-16.1290

117.0340,
-13.3940, 33.5020

238.5500, 9.1740,
-23.0980

102.5810,
-16.1920, 40.1600

244.7850, 15.8220,
-22.4340

■ 87.2420, -19.3110,
47.1290

■ 247.4760, 21.1860,
-20.5260

■ 72.2020, -21.8340,
54.3100

■ 56.8630, -24.9530,
61.2790

■ 41.8230, -27.4760,
68.4600

Harmonies

Analogous

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



176.5030, -8.6660, 2.8700



177.7920, -2.1100, 5.2020



178.4400, 4.8130, 6.3890

Triad

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



177.7920, -2.1100, 5.2020



177.4590, 11.8290, 0.3810



174.5640, -10.6360, -5.4840

Complementary

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



177.7920, -2.1100, 5.2020



186.2080, 2.1100, -5.2020

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.



175.5600, -4.8130, -6.3890



177.7920, -2.1100, 5.2020



177.1980, 8.0700, -3.0820

Square

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



177.7920, -2.1100, 5.2020



178.3390, 12.2870, 3.0950



175.9090, 1.5140, -5.4140



175.0630, -13.4790, -3.5190

Rectangle

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



177.7920, -2.1100, 5.2020



178.1800, 8.4810, 5.9930



175.9090, 1.5140, -5.4140



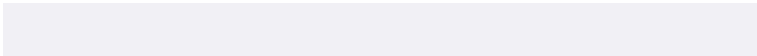
174.9340, -8.8020, -5.6820

Sweetspot

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



177.7920, -2.1100, 5.2020



240.8690, -1.0090, 1.7670



182.4660, -7.2440, -0.8760



120.5270, -0.0460, 0.8340



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



177.7920, -2.1100, 5.2020



227.3020, -3.4860, 8.1140



179.8850, 2.0620, 6.6860



86.9230, -1.1010, 3.4350



31.4670, -23.8980, 58.6780



6.2250, -4.5870, 11.5490

Inverse Universe

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



180.3260, 5.1340, 6.0780



231.2880, 8.2970, 9.3290



184.1150, -2.0620, -6.6860



88.4890, 3.1170, 4.0850



60.1240, 57.8950, 68.6390



11.7770, 11.4140, 13.4140

Previews

White Background



This preview shows how the YIQ color 177.7920, -2.1100, 5.2020 looks on a white background.

Color Contrast Check

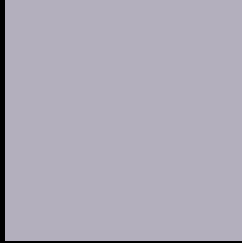
Large Text (above 18pt) WCAG AA × Fail

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 177.7920, -2.1100, 5.2020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

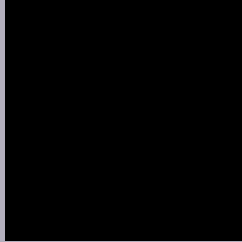
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 177.7920, -2.1100, 5.2020

Background



This preview shows how black text looks on a background with the YIQ color 177.7920, -2.1100, 5.2020.

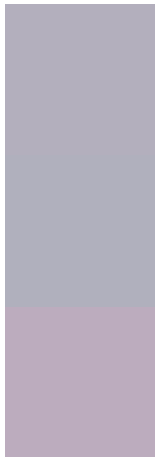


This preview shows how white text looks on a background with the YIQ color 177.7920, -2.1100,

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

177.7920, -2.1100, 5.2020

Protanopia

177.4820, -4.1730, 4.0430

Deuteranopia

178.8360, 3.7580, 8.9900



Tritanopia

177.7920, -2.1100, 5.2020

Trichromacy



Original Color

177.7920, -2.1100, 5.2020

Protanomaly

177.7810, -3.5770, 4.2550

Deuteranomaly

178.5260, 1.6950, 7.8310

Tritanomaly

177.7920, -2.1100, 5.2020

Monochromacy



Original Color

177.7920, -2.1100, 5.2020

Achromatopsia

178.0000, -0.0000, -0.0000

Achromatomaly

177.8690, -1.0090, 1.7670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 177.7920, -2.1100, 5.2020 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(179, 175, 189)` looks like.

```
.text, #text, p{  
    color:rgb(179, 175, 189)  
}
```

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(179, 175, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 175, 189) }
```

Border

The CSS property to change the border of an element to YIQ 177.7920, -2.1100, 5.2020 is called "border". The border property can be set on classes, ids or directly on the HTML element.

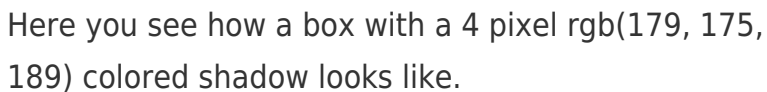
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 175, 189) }
```


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

```
.border{ border-color:rgb(179, 175, 189) }
```

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



Here you see how a box with a 4 pixel `rgb(179, 175, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 175, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 175, 189);  
box-shadow:4px 4px 4px 4px rgb(179, 175,  
189) }
```

Background

The CSS property to change the background color of an element to YIQ 177.7920, -2.1100, 5.2020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 175, 189) }
```

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

```
.background{ background-color: rgb(179,  
175, 189) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor