

Converting Colors

YIQ(201.9700, -17.6510,
-5.0030)

Have a look what the booklet for
YIQ(201.9700, -17.6510, -5.0030)
contains.

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Color

**YIQ(201.9700, -17.6510,
-5.0030)**

Conversions

Conversions Part 1

Format	Color
Hex	B6D2D5
RGB	182, 210, 213
RGB Percent	71%, 82%, 84%
CMY	0.2863, 0.1764, 0.1648
CMYK	0.15, 0.01, 0.00, 0.16
HSL	186°, 27%, 77%
HSV	186°, 15%, 84%
XYZ	54.3449, 60.8452, 71.8185
YIQ	201.9700, -17.6510, -5.0030

Conversions

Conversions Part 2

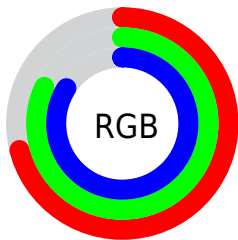
Format	Color
RYB	182, 197, 213
Decimal	11981525
CIELab	82.30, -8.69, -4.62
CIElCh	82, 9.844, 207.998
Yxy	60.8452, 0.2906, 0.3254
Android (android.graphics.Color)	4290171605 (0xFFB6D2D5)
YUV	201.9700, 5.4378, -17.5137
Hunter-Lab	78.0034, -12.1450, 0.0134

Details

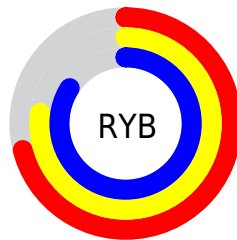
The YIQ color $201.9700, -17.6510, -5.0030$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $193.0300, 17.6510, 5.0030$, and the grayscale version is $202.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $249.9170, -10.1320, -3.6040$, and $148.1550, -16.7340, -5.1020$ is the 20% darker color. If you saturate the color by 10%, you get $194.5170, -29.6170, -8.4090$, and if you desaturate by 10%, it is $209.4230, -5.6850, -1.5970$.

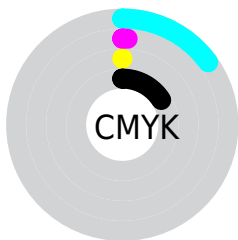
Distribution



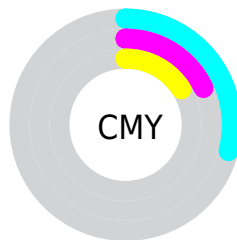
- Red (71%)
- Green (82%)
- Blue (84%)



- Red (71%)
- Yellow (77%)
- Blue (84%)



- Cyan (15%)
- Magenta (1%)
- Yellow (0%)
- Black (16%)



- Cyan (29%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 201.9700, -17.6510, -5.0030 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 201.9700, -17.6510, -5.0030 by changing the saturation by 10% instead.

■ 201.9700,
-17.6510, -5.0030

■ 201.9700,
-17.6510, -5.0030

■ 255.0000, -0.0000,
-0.0000

■ 174.2690,
-17.0550, -4.7910

■ 249.9170,
-10.1320, -3.6040

■ 148.1550,
-16.7340, -5.1020

■ 122.1550,
-16.7340, -5.1020

■ 96.8670, -15.8630,
-4.3670

■ 72.8670, -15.8630,
-4.3670

■ 50.1660, -15.2670,
-4.1550

■ 28.4540, -16.1380,

-4.8900

■ 10.8570, -9.9030,
-2.2470

■ 0.0000, 0.0000,
0.0000

■ 201.9700,
-17.6510, -5.0030

■ 201.9700,
-17.6510, -5.0030

■ 194.5170,
-29.6170, -8.4090

■ 209.4230, -5.6850,
-1.5970

■ 186.7650,
-42.1790, -12.0270

■ 217.1750, 6.8770,
2.0210

■ 179.3120,
-54.1450, -15.4330

■ 224.6280, 18.8430,
5.4270

■ 171.8590,
-66.1110, -18.8390

■ 228.4930, 23.6570,
6.2890

■ 164.1070,
-78.6730, -22.4570

■ 229.6670, 23.1070,
5.2430

■ 156.6540,
-90.6390, -25.8630

■ 230.8410, 22.5570,
4.1970

■ 149.2010,
-102.6050, -29.2690

■ 232.0150, 22.0070,
3.1510

■ 141.7480,
-114.5710, -32.6750

■ 233.1890, 21.4570,
2.1050

■ 137.5730,
-121.4480, -34.6960

■ 234.3630, 20.9070,
1.0590

Harmonies

Analogous

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



201.8410, -12.9740, -7.1660



201.9700, -17.6510, -5.0030



202.7900, -16.9640, -0.9320

Triad

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



201.9700, -17.6510, -5.0030



206.4940, 4.7210, 8.0570



204.6390, 11.1420, -3.6900

Complementary

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



201.9700, -17.6510, -5.0030



193.0300, 17.6510, 5.0030

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.



205.6120, 15.7720, 0.5080



201.9700, -17.6510, -5.0030



206.9740, 12.0570, 7.2650

Square

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



201.9700, -17.6510, -5.0030



205.9490, -3.9900, 6.2340



206.4320, 16.4590, 4.5790



203.6380, 3.7150, -6.7570

Rectangle

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



201.9700, -17.6510, -5.0030



203.9260, -14.3510, 1.2730



206.4320, 16.4590, 4.5790



205.0630, 12.8840, -2.2200

Sweetspot

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



201.9700, -17.6510, -5.0030



251.4230, -5.6850, -1.5970



200.5390, -9.4880, -15.2800



125.3200, -3.8970, -0.9610



0.0000, 0.0000, 0.0000



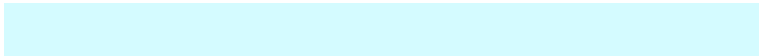
128.0000, -0.0000, -0.0000

Same Dimension

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



201.9700, -17.6510, -5.0030



239.7950, -24.5280, -7.0240



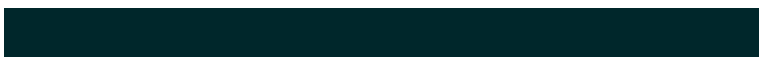
193.1650, -13.5260, 2.8420



103.1240, -6.2810, -1.8090



109.8920, -97.2410, -27.3610



27.7950, -24.5280, -7.0240

Inverse Universe

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



194.4610, 9.4880, 15.2800



229.3030, 13.1090, 21.2450



201.8350, 13.5260, -2.8420



100.4290, 3.3460, 5.4420



68.6850, 52.4820, 84.1460



17.3030, 13.1090, 21.2450

Previews

White Background



This preview shows how the YIQ color 201.9700, -17.6510, -5.0030 looks on a white background.

Color Contrast Check

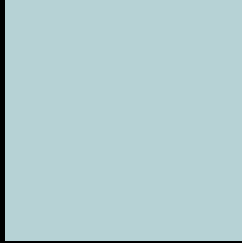
Large Text (above 18pt) WCAG AA × Fail

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 201.9700, -17.6510, -5.0030 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 201.9700, -17.6510, -5.0030

Background



This preview shows how black text looks on a background with the YIQ color 201.9700, -17.6510, -5.0030.



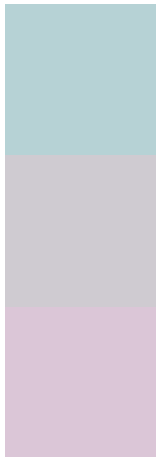
This preview shows how white text looks on a background with the YIQ color 201.9700, -17.6510, -5.0030.

-5.0030.

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

201.9700, -17.6510, -5.0030

Protanopia

204.8800, 0.4580, 2.7140

Deuteranopia

206.2170, 7.0590, 9.7390



Tritanopia

202.7620, -19.7610, 0.1990

Trichromacy



Original Color

201.9700, -17.6510, -5.0030

Protanomaly

204.0640, -6.0520, -0.4520

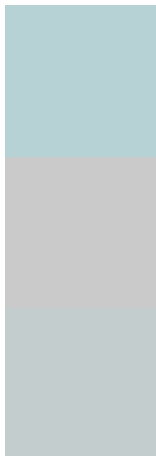
Deuteranomaly

204.5640, -1.4680, 4.5800

Tritanomaly

202.5940, -19.3480, -1.7800

Monochromacy



Original Color

201.9700, -17.6510, -5.0030

Achromatopsia

202.0000, -0.0000, 0.0000

Achromatomaly

202.1240, -6.2810, -1.8090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.9700, -17.6510, -5.0030 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(182, 210, 213)` looks like.

```
.text, #text, p{  
    color:rgb(182, 210, 213)  
}
```

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(182, 210, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 210, 213) }
```

Border

The CSS property to change the border of an element to YIQ 201.9700, -17.6510, -5.0030 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(182, 210, 213) }
```


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

```
.border{ border-color:rgb(182, 210, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 210, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 210, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 210, 213);  
box-shadow:4px 4px 4px 4px rgb(182, 210,  
213) }
```

Background

The CSS property to change the background color of an element to YIQ 201.9700, -17.6510, -5.0030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 210, 213) }
```

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

```
.background{ background-color: rgb(182,  
210, 213) }
```

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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