

Converting Colors

YIQ(201.9530, -10.9540,
-21.7540)

Have a look what the booklet for
YIQ(201.9530, -10.9540, -21.7540)
contains.

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Color

**YIQ(201.9530, -10.9540,
-21.7540)**

Conversions

Conversions Part 1

Format	Color
Hex	B2DBB1
RGB	178, 219, 177
RGB Percent	70%, 86%, 69%
CMY	0.3021, 0.1411, 0.3059
CMYK	0.19, 0.00, 0.19, 0.14
HSL	119°, 37%, 78%
HSV	119°, 19%, 86%
XYZ	51.6244, 63.3074, 51.0922
YIQ	201.9530, -10.9540, -21.7540

Conversions

Conversions Part 2

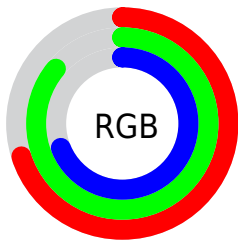
Format	Color
RYB	177, 219, 218
Decimal	11721649
CIELab	83.60, -21.38, 16.32
CIELCh	84, 26.890, 142.647
Yxy	63.3074, 0.3109, 0.3813
Android (android.graphics.Color)	4289911729 (0xFFB2DBB1)
YUV	201.9530, -12.3018, -21.0068
Hunter-Lab	79.5660, -23.4252, 17.6239

Details

The YIQ color **201.9530, -10.9540, -21.7540** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **194.0470, 10.9540, 21.7540**, and the grayscale version is **202.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **246.2130, -5.4540, -11.2940**, and **147.7790, -10.4040, -20.7080** is the 20% darker color. If you saturate the color by 10%, you get **193.1660, -16.4080, -33.0480**, and if you desaturate by 10%, it is **210.7400, -5.5000, -10.4600**.

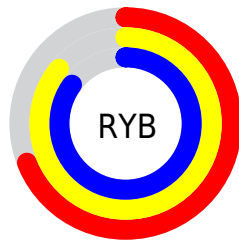
Distribution



Red (70%)

Green (86%)

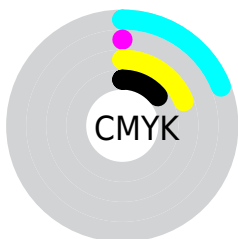
Blue (69%)



Red (69%)

Yellow (86%)

Blue (85%)

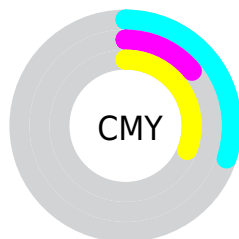


Cyan (19%)

Magenta (0%)

Yellow (19%)

Black (14%)



Cyan (30%)

Magenta (14%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 201.9530, -10.9540, -21.7540 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 201.9530, -10.9540, -21.7540 by changing the saturation by 10% instead.

■ 201.9530,
-10.9540, -21.7540

■ 201.9530,
-10.9540, -21.7540

■ 255.0000, -0.0000,
-0.0000

■ 174.3660,
-10.6790, -21.2310

■ 246.2130, -5.4540,
-11.2940

■ 147.7790,
-10.4040, -20.7080

■ 121.8930,
-10.7250, -20.3970

■ 96.7190, -10.1750,
-19.3510

■ 72.2460, -10.2210,
-18.5170

■ 49.4740, -10.8630,
-17.8950

■ 26.4740, -10.8630,

-17.8950

■ 12.3270, -5.7750,
-10.9830

■ 0.0000, 0.0000,
0.0000

■ 201.9530,
-10.9540, -21.7540

■ 201.9530,
-10.9540, -21.7540

■ 193.1660,
-16.4080, -33.0480

■ 210.7400, -5.5000,
-10.4600

■ 184.0800,
-22.4580, -44.5540

■ 219.8260, 0.5500,
1.0460

■ 175.2930,
-27.9120, -55.8480

■ 228.6130, 6.0040,
12.3400

■ 166.2070,
-33.9620, -67.3540

■ 233.8680, 9.9000,
18.8280

■ 157.4200,
-39.4160, -78.6480

■ 148.7470,
-45.1910, -89.6310

■ 139.6610,
-51.2410, -101.1370

■ 130.8740,
-56.6950, -112.4310

■ 130.0480,
-57.2450, -113.4770

Harmonies

Analogous

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



205.2780, 13.1160, -17.4440



201.9530, -10.9540, -21.7540



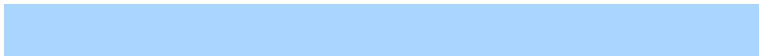
198.6760, -34.9790, -21.3710

Triad

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



201.9530, -10.9540, -21.7540



204.9310, -39.1100, 3.9460



210.0220, 38.4650, 13.2570

Complementary

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



201.9530, -10.9540, -21.7540



194.0470, 10.9540, 21.7540

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.



212.9860, 30.1190, 21.3430



201.9530, -10.9540, -21.7540



209.8140, -16.3710, 15.8610

Square

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



201.9530, -10.9540, -21.7540



199.5820, -54.6050, -7.0930



212.5630, 9.4410, 21.6410



209.6660, 42.0430, 3.4750

Rectangle

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



201.9530, -10.9540, -21.7540



197.6130, -47.8630, -19.1510



212.5630, 9.4410, 21.6410



210.3470, 36.1720, 16.2680

Sweetspot

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



201.9530, -10.9540, -21.7540



248.8050, -4.1250, -7.8450



213.6250, 13.7570, -12.5390



124.2830, -2.4750, -4.7070



0.0000, 0.0000, 0.0000



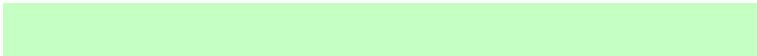
128.0000, -0.0000, -0.0000

Same Dimension

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



201.9530, -10.9540, -21.7540



231.2310, -15.0330, -30.4330



203.9340, -17.9700, -15.7460



105.4570, -3.0250, -5.7530



102.7470, -45.1910, -89.6310



27.3010, -12.0540, -23.8460

Inverse Universe

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



194.0470, 10.9540, 21.7540



220.0680, 15.6290, 30.6450



192.0660, 17.9700, 15.7460



103.2440, 2.4290, 5.5410



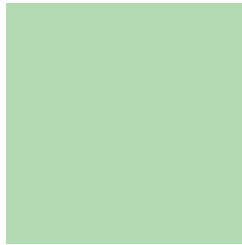
70.2530, 45.1910, 89.6310



18.6990, 12.0540, 23.8460

Previews

White Background



This preview shows how the YIQ color 201.9530, -10.9540, -21.7540 looks on a white background.

Color Contrast Check

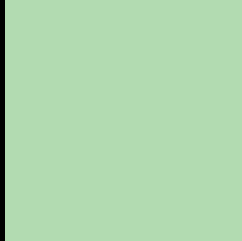
Large Text (above 18pt) WCAG AA × Fail

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 201.9530, -10.9540, -21.7540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

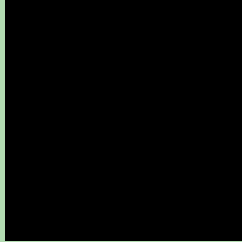
Any Text WCAG AA ✓ Pass

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 201.9530, -10.9540, -21.7540 Background



This preview shows how black text looks on a background with the YIQ color 201.9530, -10.9540, -21.7540.



This preview shows how white text looks on a background with the YIQ color 201.9530, -10.9540, -21.7540.

-21.7540.

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

201.9530, -10.9540, -21.7540

Protanopia

206.7830, 19.3040, -8.4400

Deuteranopia

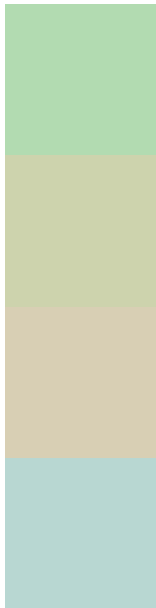
209.1960, 28.7470, 2.1470



Tritanopia

206.4630, -20.3570, -0.0130

Trichromacy



Original Color

201.9530, -10.9540, -21.7540

Protanomaly

204.8740, 8.6220, -13.0900

Deuteranomaly

206.6130, 14.0310, -6.4890

Tritanomaly

205.1610, -16.8710, -8.1270

Monochromacy



Original Color

201.9530, -10.9540, -21.7540

Achromatopsia

202.0000, -0.0000, 0.0000

Achromatomaly

201.8050, -4.1250, -7.8450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.9530, -10.9540, -21.7540 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(178, 219, 177)` looks like.

```
.text, #text, p{  
    color:rgb(178, 219, 177)  
}
```

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(178, 219, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 219, 177) }
```

Border

The CSS property to change the border of an element to YIQ 201.9530, -10.9540, -21.7540 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(178, 219, 177) }
```


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

```
.border{ border-color:rgb(178, 219, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 219, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 219, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 219, 177);  
box-shadow:4px 4px 4px 4px rgb(178, 219,  
177) }
```

Background

The CSS property to change the background color of an element to YIQ 201.9530, -10.9540, -21.7540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 219, 177) }
```

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

```
.background{ background-color: rgb(178,  
219, 177) }
```

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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