

Converting Colors

YIQ(236.1920, -10.1290,
-20.1850)

Have a look what the booklet for
YIQ(236.1920, -10.1290, -20.1850)
contains.

YIQ(236.1920, -10.1290, -20.1850)	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(236.1920, -10.1290,
-20.1850)**

Conversions

Conversions Part 1

Format	Color
Hex	D6FCD5
RGB	214, 252, 213
RGB Percent	84%, 99%, 84%
CMY	0.1609, 0.0117, 0.1647
CMYK	0.15, 0.00, 0.15, 0.01
HSL	119°, 87%, 91%
HSV	119°, 15%, 99%
XYZ	74.5483, 88.7265, 76.1459
YIQ	236.1920, -10.1290, -20.1850

Conversions

Conversions Part 2

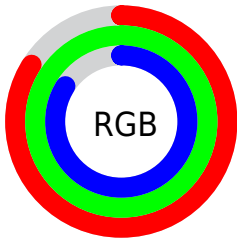
Format	Color
RYB	213, 252, 251
Decimal	14089429
CIELab	95.47, -19.35, 14.66
CIELCh	95, 24.274, 142.853
Yxy	88.7265, 0.3114, 0.3706
Android (android.graphics.Color)	4292279509 (0xFFD6FCD5)
YUV	236.1920, -11.4337, -19.4624
Hunter-Lab	94.1947, -23.5709, 18.0070

Details

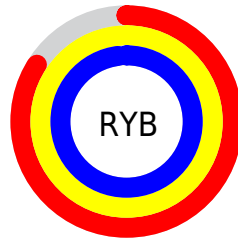
The YIQ color $236.1920, -10.1290, -20.1850$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $228.8080, 10.1290, 20.1850$, and the grayscale version is $236.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $180.0180, -9.5790, -19.1390$ is the 20% darker color. If you saturate the color by 10%, you get $225.8670, -17.0040, -33.2600$, and if you desaturate by 10%, it is $246.5170, -3.2540, -7.1100$.

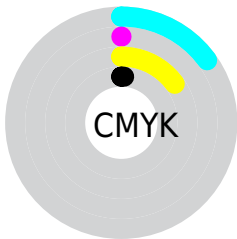
Distribution



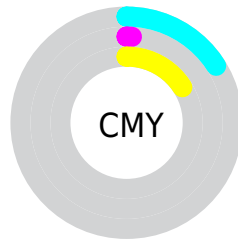
- Red (84%)
- Green (99%)
- Blue (84%)



- Red (84%)
- Yellow (99%)
- Blue (98%)



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



- Cyan (16%)
- Magenta (1%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 236.1920, -10.1290, -20.1850 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 236.1920, -10.1290, -20.1850 by changing the saturation by 10% instead.

■ 236.1920,
-10.1290, -20.1850

■ 236.1920,
-10.1290, -20.1850

255.0000, -0.0000,
-0.0000

■ 207.6050, -9.8540,
-19.6620

■ 180.0180, -9.5790,
-19.1390

■ 153.1320, -9.9000,
-18.8280

■ 127.5450, -9.6250,
-18.3050

■ 102.0720, -9.6710,
-17.4710

■ 77.4850, -9.3960,
-16.9480

■ 54.0120, -9.4420,

-16.1140

■ 32.2400, -10.0840,
-15.4920

■ 15.2620, -7.1500,
-13.5980

■ 236.1920,
-10.1290, -20.1850

■ 236.1920,
-10.1290, -20.1850

■ 225.8670,
-17.0040, -33.2600

■ 246.5170, -3.2540,
-7.1100

■ 215.8410,
-23.2830, -46.1230

■ 253.2390, 0.8250,
1.5690

■ 205.4020,
-29.8370, -59.5090

■ 195.3760,
-36.1160, -72.3720

■ 185.0510,
-42.9910, -85.4470

■ 175.0250,
-49.2700, -98.3100

■ 164.7000,
-56.1450, -111.3850

■ 154.2610,
-62.6990, -124.7710

■ 149.7180,
-65.7240, -130.5240

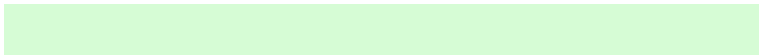
Harmonies

Analogous

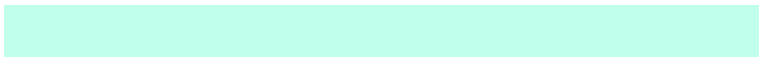
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



239.0330, 12.4280, -15.9880



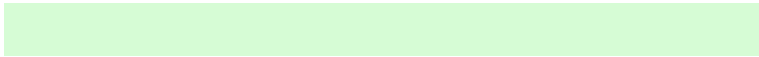
236.1920, -10.1290, -20.1850



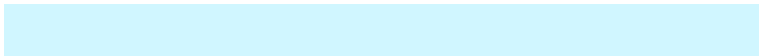
233.5840, -31.7240, -19.7880

Triad

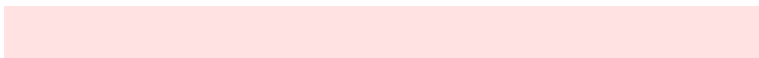
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



236.1920, -10.1290, -20.1850



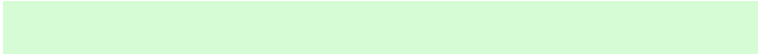
235.6640, -25.5370, -5.2570



234.5570, 17.6050, 5.8370

Complementary

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



236.1920, -10.1290, -20.1850



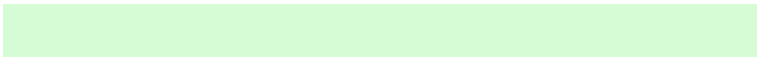
228.8080, 10.1290, 20.1850

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.



237.2930, 9.9010, 13.3010



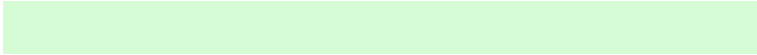
236.1920, -10.1290, -20.1850



240.2370, -4.8610, 5.4990

Square

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



236.1920, -10.1290, -20.1850



232.3090, -40.8950, -13.2710



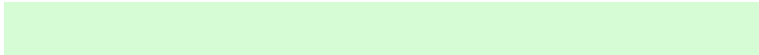
240.3250, 6.8750, 13.0750



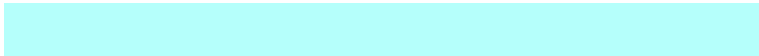
235.2120, 22.6500, -2.9980

Rectangle

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



236.1920, -10.1290, -20.1850



232.4180, -42.8200, -16.9320



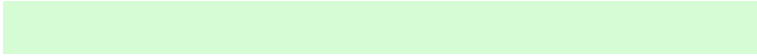
240.3250, 6.8750, 13.0750



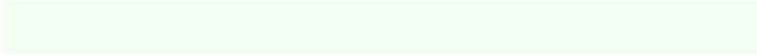
235.3550, 15.3580, 8.0140

Sweetspot

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



236.1920, -10.1290, -20.1850



249.9300, -2.9790, -6.5870



246.9670, 12.7940, -11.6060



124.6960, -2.2000, -4.1840



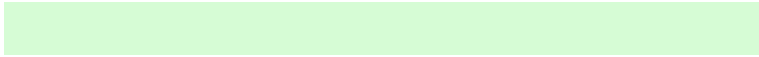
0.0000, 0.0000, 0.0000



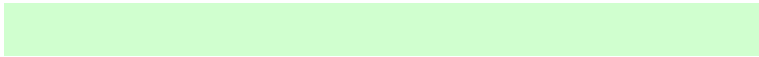
128.0000, -0.0000, -0.0000

Same Dimension

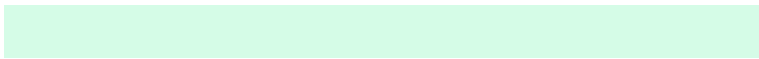
The Same Dimension uses a secret algorithm to generate beautiful new colors.



236.1920, -10.1290, -20.1850



235.4750, -12.6040, -24.8920



237.9450, -16.5030, -14.7990



119.9300, -2.9790, -6.5870



112.4380, -48.9950, -97.7870



36.4050, -15.5830, -31.4790

Inverse Universe

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



228.8080, 10.1290, 20.1850



226.5250, 12.6040, 24.8920



227.0550, 16.5030, 14.7990



117.3690, 3.5750, 6.7990



76.5620, 48.9950, 97.7870



24.8940, 16.1790, 31.6910

Previews

White Background



This preview shows how the YIQ color 236.1920, -10.1290, -20.1850 looks on a white background.

Color Contrast Check

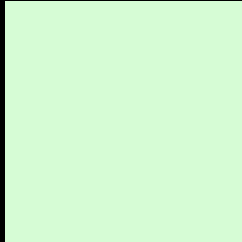
Large Text (above 18pt) WCAG AA × Fail

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 236.1920, -10.1290, -20.1850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

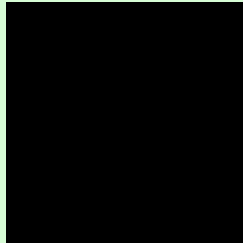
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

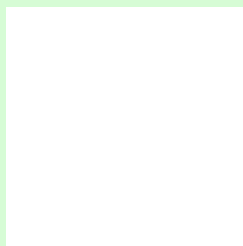
Any Text WCAG AAA ✓ Pass

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

YIQ 236.1920, -10.1290, -20.1850 Background



This preview shows how black text looks on a background with the YIQ color 236.1920, -10.1290, -20.1850.



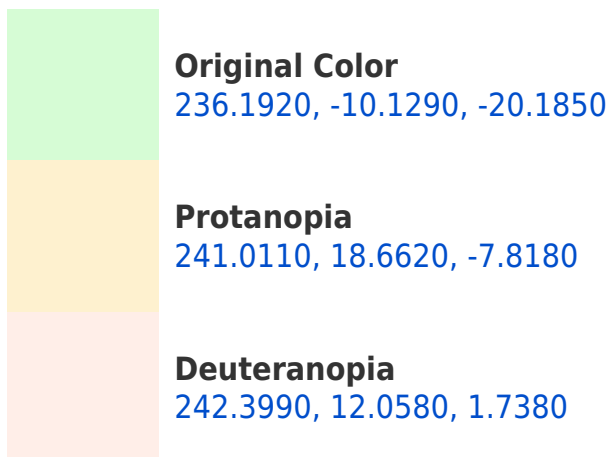
This preview shows how white text looks on a background with the YIQ color 236.1920, -10.1290, -20.1850.

-20.1850.

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





Tritanopia

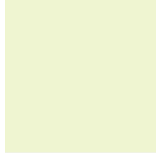
240.7800, -11.0040, 1.1880

Trichromacy



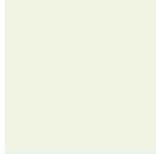
Original Color

236.1920, -10.1290, -20.1850



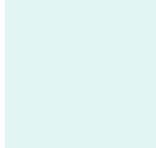
Protanomaly

239.1020, 7.9800, -12.4680



Deuteranomaly

240.0510, 3.9900, -6.2340



Tritanomaly

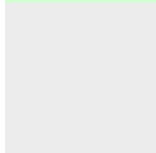
239.0370, -10.5900, -6.3180

Monochromacy



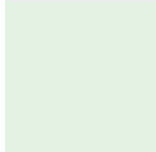
Original Color

236.1920, -10.1290, -20.1850



Achromatopsia

236.0000, 0.0000, -0.0000



Achromatomaly

236.2180, -3.8500, -7.3220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 236.1920, -10.1290, -20.1850 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(214, 252, 213)` looks like.

```
.text, #text, p{  
    color:rgb(214, 252, 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(214, 252, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 252, 213) }
```

Border

The CSS property to change the border of an element to YIQ 236.1920, -10.1290, -20.1850 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(214, 252, 213) }
```


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

```
.border{ border-color:rgb(214, 252, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 252, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 252, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 252, 213);  
box-shadow:4px 4px 4px 4px rgb(214, 252,  
213) }
```

Background

The CSS property to change the background color of an element to YIQ 236.1920, -10.1290, -20.1850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 252, 213) }
```

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

```
.background{ background-color: rgb(214,  
252, 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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