

Converting Colors

YIQ(213.1020, -19.5240,
-42.6600)

Have a look what the booklet for
YIQ(213.1020, -19.5240, -42.6600)
contains.

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Color

**YIQ(213.1020, -19.5240,
-42.6600)**

Conversions

Conversions Part 1

Format	Color
Hex	A8F6A2
RGB	168, 246, 162
RGB Percent	66%, 96%, 64%
CMY	0.3414, 0.0351, 0.3647
CMYK	0.32, 0.00, 0.34, 0.04
HSL	116°, 82%, 80%
HSV	116°, 34%, 96%
XYZ	55.6225, 76.8580, 46.0844
YIQ	213.1020, -19.5240, -42.6600

Conversions

Conversions Part 2

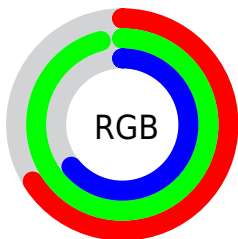
Format	Color
RYB	162, 246, 240
Decimal	11073186
CIELab	90.26, -39.78, 33.04
CIElCh	90, 51.709, 140.289
Yxy	76.8580, 0.3115, 0.4304
Android (android.graphics.Color)	4289263266 (0xFFA8F6A2)
YUV	213.1020, -25.1933, -39.5545
Hunter-Lab	87.6687, -40.1687, 30.2014

Details

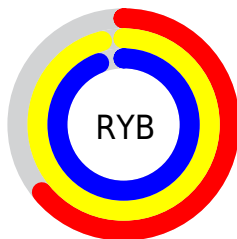
The YIQ color **213.1020, -19.5240, -42.6600** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **194.8980, 19.5240, 42.6600**, and the grayscale version is **213.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **241.6980, -5.6820, -18.1780**, and **157.1560, -19.6160, -40.9920** is the 20% darker color. If you saturate the color by 10%, you get **203.3750, -25.2070, -55.3110**, and if you desaturate by 10%, it is **222.8290, -13.8410, -30.0090**.

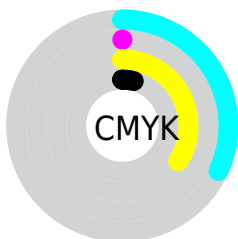
Distribution



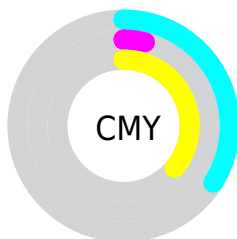
- Red (66%)
- Green (96%)
- Blue (64%)



- Red (64%)
- Yellow (96%)
- Blue (94%)



- Cyan (32%)
- Magenta (0%)
- Yellow (34%)
- Black (4%)



- Cyan (34%)
- Magenta (4%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 213.1020, -19.5240, -42.6600 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 213.1020, -19.5240, -42.6600 by changing the saturation by 10% instead.

■ 213.1020,
-19.5240, -42.6600

■ 213.1020,
-19.5240, -42.6600

■ 255.0000, -0.0000,
-0.0000

■ 184.6290,
-19.5700, -41.8260

■ 241.6980, -5.6820,
-18.1780

■ 157.1560,
-19.6160, -40.9920

■ 253.6750, 2.2930,
-3.0110

■ 130.3840,
-20.2580, -40.3700

■ 103.7260,
-21.2210, -39.4370

■ 76.7580, -24.2470,
-39.6630

■ 50.5620, -26.6310,
-40.5110

■ 35.2200, -16.5000,

-31.3800

■ 22.8930, -10.7250,
-20.3970

■ 1.1740, -0.5500,
-1.0460

■ 213.1020,
-19.5240, -42.6600

■ 213.1020,
-19.5240, -42.6600

■ 203.3750,
-25.2070, -55.3110

■ 222.8290,
-13.8410, -30.0090

■ 193.7620,
-31.2110, -67.6510

■ 232.4420, -7.8370,
-17.6690

■ 184.0350,
-36.8940, -80.3020

■ 242.1690, -2.1540,
-5.0180

■ 174.4220,
-42.8980, -92.6420

■ 249.7170, 2.4750,
4.7070

■ 164.9940,
-47.9850, -105.0810

■ 155.2670,
-53.6680, -117.7320

■ 149.4850,
-57.5180, -125.0540

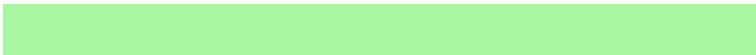
Harmonies

Analogous

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



220.2680, 27.1030, -34.1530



213.1020, -19.5240, -42.6600



200.7530, -78.5770, -46.2330

Triad

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



213.1020, -19.5240, -42.6600



203.4710, -76.7020, -19.6300



209.4180, 37.4100, 15.8580

Complementary

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



213.1020, -19.5240, -42.6600



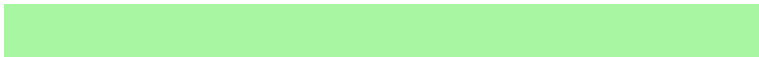
194.8980, 19.5240, 42.6600

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.



215.1180, 21.3600, 31.4080



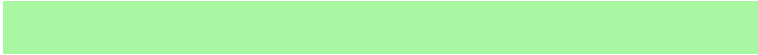
213.1020, -19.5240, -42.6600



220.4020, -18.3870, 8.3410

Square

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



213.1020, -19.5240, -42.6600



174.6460, -150.0550, -50.3990



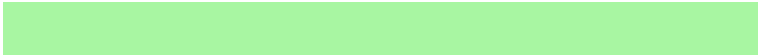
223.8890, 14.5750, 27.7190



211.6740, 47.5920, -3.4800

Rectangle

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



213.1020, -19.5240, -42.6600



176.2130, -147.5780, -56.7460



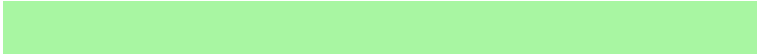
223.8890, 14.5750, 27.7190



210.7690, 32.2280, 21.6680

Sweetspot

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



213.1020, -19.5240, -42.6600



244.9740, -6.2790, -12.8630



232.3150, 28.8890, -22.4630



121.6910, -3.8040, -8.1560



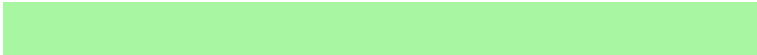
0.0000, 0.0000, 0.0000



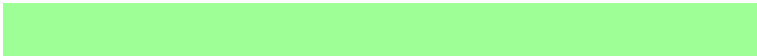
128.0000, -0.0000, -0.0000

Same Dimension

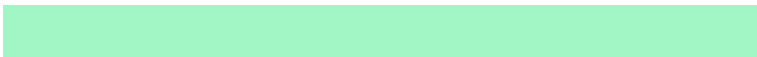
The Same Dimension uses a secret algorithm to generate beautiful new colors.



213.1020, -19.5240, -42.6600



214.0270, -24.1070, -53.2190



215.2980, -34.3350, -33.0470



117.3430, -2.7040, -6.0640



113.0690, -43.4020, -94.5220



35.8290, -13.8410, -30.0090

Inverse Universe

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



194.8980, 19.5240, 42.6600



191.2720, 24.7030, 53.4310



192.7020, 34.3350, 33.0470



114.9560, 3.3000, 6.2760



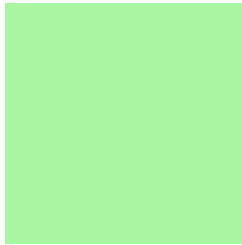
72.9310, 43.4020, 94.5220



23.1710, 13.8410, 30.0090

Previews

White Background



This preview shows how the YIQ color 213.1020, -19.5240, -42.6600 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 213.1020, -19.5240, -42.6600 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

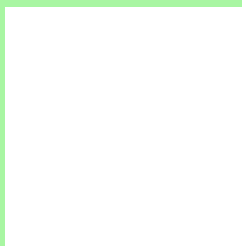
Any Text WCAG AAA ✓ Pass

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

YIQ 213.1020, -19.5240, -42.6600 Background



This preview shows how black text looks on a background with the YIQ color 213.1020, -19.5240, -42.6600.



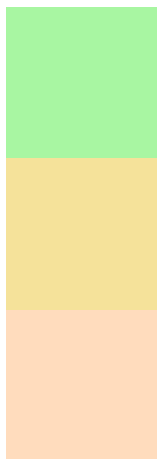
This preview shows how white text looks on a background with the YIQ color 213.1020, -19.5240, -42.6600.

-42.6600.

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

213.1020, -19.5240, -42.6600

Protanopia

223.4730, 34.4360, -18.3640

Deuteranopia

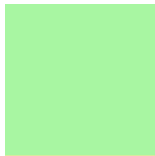
226.9310, 30.8110, -2.2210



Tritanopia

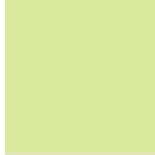
221.8030, -36.1740, -5.2140

Trichromacy



Original Color

213.1020, -19.5240, -42.6600



Protanomaly

219.5520, 14.8600, -27.0280



Deuteranomaly

221.5060, 12.4740, -16.8220



Tritanomaly

218.5950, -30.2570, -18.8410

Monochromacy



Original Color

213.1020, -19.5240, -42.6600



Achromatopsia

213.0000, -0.0000, 0.0000



Achromatomaly

213.0940, -6.7370, -15.5770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.1020, -19.5240, -42.6600 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(168, 246, 162)` looks like.

```
.text, #text, p{  
    color:rgb(168, 246, 162)  
}
```

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(168, 246, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 246, 162) }
```

Border

The CSS property to change the border of an element to YIQ 213.1020, -19.5240, -42.6600 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(168, 246, 162) }
```


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

```
.border{ border-color:rgb(168, 246, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 246, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 246, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 246, 162); box-shadow:4px 4px 4px 4px rgb(168, 246, 162) }
```

Background

The CSS property to change the background color of an element to YIQ 213.1020, -19.5240, -42.6600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 246, 162) }
```

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

```
.background{ background-color: rgb(168,  
246, 162) }
```

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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