

Converting Colors

YIQ(201.4870, -47.2680,
-13.4120)

Have a look what the booklet for
YIQ(201.4870, -47.2680, -13.4120)
contains.

YIQ(201.4870, -47.2680, -13.4120)	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(201.4870, -47.2680,
-13.4120)**

Conversions

Conversions Part 1

Format	Color
Hex	94DFE7
RGB	148, 223, 231
RGB Percent	58%, 87%, 91%
CMY	0.4198, 0.1254, 0.0943
CMYK	0.36, 0.03, 0.00, 0.09
HSL	186°, 63%, 74%
HSV	186°, 36%, 91%
XYZ	53.0177, 64.8507, 85.2878
YIQ	201.4870, -47.2680, -13.4120

Conversions

Conversions Part 2

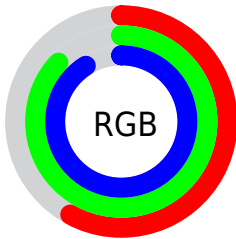
Format	Color
R _Y B	148, 187, 231
Decimal	9756647
CIE Lab	84.41, -21.20, -11.25
CIE LCh	84, 23.997, 207.949
Yxy	64.8507, 0.2610, 0.3192
Android (android.graphics.Color)	4287946727 (0xFF94DFE7)
YUV	201.4870, 14.5499, -46.9081
Hunter-Lab	80.5299, -23.4102, -6.4220

Details

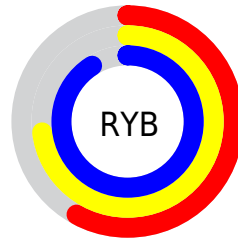
The YIQ color **201.4870, -47.2680, -13.4120** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **177.5130, 47.2680, 13.4120**, and the grayscale version is **201.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **240.0500, -29.8000, -10.6000**, and **146.3730, -46.9470, -13.7230** is the 20% darker color. If you saturate the color by 10%, you get **193.4360, -60.4260, -17.2420**, and if you desaturate by 10%, it is **209.5380, -34.1100, -9.5820**.

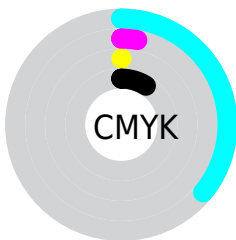
Distribution



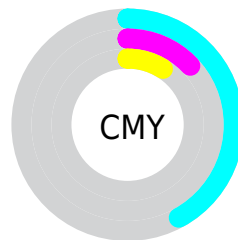
- Red (58%)
- Green (87%)
- Blue (91%)



- Red (58%)
- Yellow (73%)
- Blue (91%)



- Cyan (36%)
- Magenta (3%)
- Yellow (0%)
- Black (9%)



- Cyan (42%)
- Magenta (13%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 201.4870, -47.2680, -13.4120 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 201.4870, -47.2680, -13.4120 by changing the saturation by 10% instead.

■ 201.4870,
-47.2680, -13.4120

■ 201.4870,
-47.2680, -13.4120

■ 255.0000, -0.0000,
-0.0000

■ 173.4870,
-47.2680, -13.4120

■ 240.0500,
-29.8000, -10.6000

■ 146.3730,
-46.9470, -13.7230

■ 248.7210,
-12.5160, -4.4520

■ 119.1880,
-47.8640, -13.6240

■ 91.6930, -50.8440,
-14.6840

■ 64.5890, -56.4830,
-17.1150

■ 47.7650, -42.1790,
-12.0270

■ 31.7560, -28.7920,

-6.8400

■ 18.2090, -16.8260,
-3.4340

■ 0.4560, -1.2840,
1.2440

■ 201.4870,
-47.2680, -13.4120

■ 201.4870,
-47.2680, -13.4120

■ 193.4360,
-60.4260, -17.2420

■ 209.5380,
-34.1100, -9.5820

■ 185.3850,
-73.5840, -21.0720

■ 217.5890,
-20.9520, -5.7520

■ 176.7470,
-86.4670, -24.3790

■ 226.2270, -8.0690,
-2.4450

■ 168.6960,
-99.6250, -28.2090

■ 234.2780, 5.0890,
1.3850

■ 160.3460,
-113.3790, -32.2510

■ 239.9370, 13.4790,
3.5190

■ 152.2950,
-126.5370, -36.0810

■ 241.1110, 12.9290,
2.4730

■ 149.0170,
-131.6260, -37.4660

■ 242.2850, 12.3790,
1.4270

■ 244.0460, 11.5540,
-0.1420

■ 245.2200, 11.0040,
-1.1880

Harmonies

Analogous

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



202.4420, -34.2000, -18.9680



201.4870, -47.2680, -13.4120



203.7680, -46.2610, -4.1250

Triad

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



201.4870, -47.2680, -13.4120



214.4770, 12.5590, 20.1990



210.0780, 25.7230, -9.1330

Complementary

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



201.4870, -47.2680, -13.4120



177.5130, 47.2680, 13.4120

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.



211.8610, 37.0000, 1.2560



201.4870, -47.2680, -13.4120



214.6930, 29.3860, 18.1060

Square

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



201.4870, -47.2680, -13.4120



212.5220, -9.6770, 15.6910



212.9570, 37.0900, 10.6420



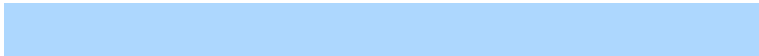
207.4670, 8.2100, -16.6380

Rectangle

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



201.4870, -47.2680, -13.4120



206.8880, -37.5510, 3.2250



212.9570, 37.0900, 10.6420



210.8230, 30.9950, -5.5570

Sweetspot

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



201.4870, -47.2680, -13.4120



244.8670, -15.8630, -4.3670



197.5190, -25.0720, -41.2320



121.7430, -9.5820, -2.5580



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.



201.4870, -47.2680, -13.4120



216.2400, -62.8100, -18.0900



178.0070, -36.2680, 7.5080



110.8250, -6.8770, -2.0210



114.9130, -101.7340, -28.5340



32.8160, -29.0210, -8.1970

Inverse Universe

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



181.3670, 25.3930, 40.9210



189.2900, 33.4600, 54.4200



200.9930, 36.2680, -7.5080



107.8420, 3.6210, 5.9650



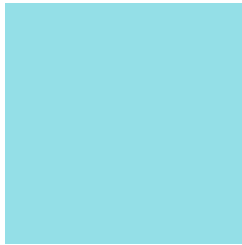
71.8750, 55.0030, 88.0190



20.4930, 15.6300, 25.1180

Previews

White Background



This preview shows how the YIQ color 201.4870, -47.2680, -13.4120 looks on a white background.

Color Contrast Check

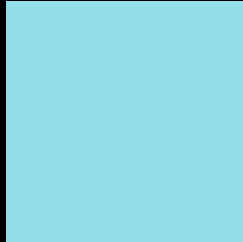
Large Text (above 18pt) WCAG AA × Fail

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 201.4870, -47.2680, -13.4120 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 201.4870, -47.2680, -13.4120 Background



This preview shows how black text looks on a background with the YIQ color 201.4870, -47.2680, -13.4120.



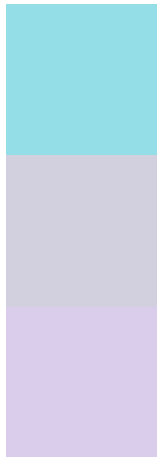
This preview shows how white text looks on a background with the YIQ color 201.4870, -47.2680, -13.4120.

-13.4120.

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

201.4870, -47.2680, -13.4120

Protanopia

210.1940, -3.3020, 4.7780

Deuteranopia

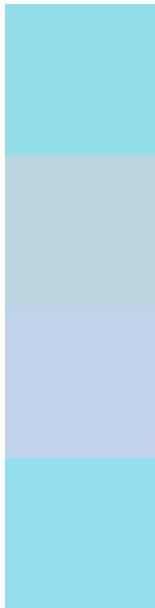
211.7200, -1.6070, 12.6090



Tritanopia

202.5240, -48.6900, -9.6660

Trichromacy



Original Color

201.4870, -47.2680, -13.4120

Protanomaly

206.5940, -19.3480, -1.7800

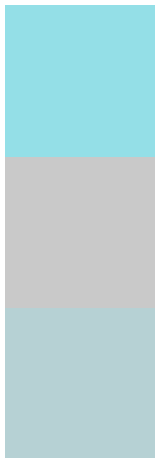
Deuteranomaly

208.2400, -18.1110, 3.3370

Tritanomaly

201.8830, -48.3230, -10.8110

Monochromacy



Original Color

201.4870, -47.2680, -13.4120

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

201.2690, -17.0550, -4.7910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.4870, -47.2680, -13.4120 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(148, 223, 231)` looks like.

```
.text, #text, p{  
    color:rgb(148, 223, 231)  
}
```

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(148, 223, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 223, 231) }
```

Border

The CSS property to change the border of an element to YIQ 201.4870, -47.2680, -13.4120 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(148, 223, 231) }
```


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

```
.border{ border-color:rgb(148, 223, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 223, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 223, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 223, 231);  
box-shadow:4px 4px 4px 4px rgb(148, 223,  
231) }
```

Background

The CSS property to change the background color of an element to YIQ 201.4870, -47.2680, -13.4120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 223, 231) }
```

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

```
.background{ background-color: rgb(148,  
223, 231) }
```

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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