

Converting Colors

YIQ(197.4710, -41.1710,
-8.2670)

Have a look what the booklet for
YIQ(197.4710, -41.1710, -8.2670)
contains.

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Color

**YIQ(197.4710, -41.1710,
-8.2670)**

Conversions

Conversions Part 1

Format	Color
Hex	99D6E5
RGB	153, 214, 229
RGB Percent	60%, 84%, 90%
CMY	0.4001, 0.1607, 0.1021
CMYK	0.33, 0.07, 0.00, 0.10
HSL	192°, 59%, 75%
HSV	192°, 33%, 90%
XYZ	51.3200, 60.5297, 83.0746
YIQ	197.4710, -41.1710, -8.2670

Conversions

Conversions Part 2

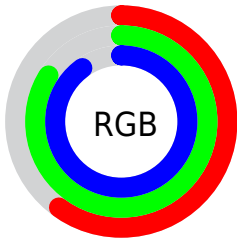
Format	Color
R_{YB}	153, 187, 229
Decimal	10082021
CIE _{Lab}	82.13, -15.81, -13.57
CIE _{LCh}	82, 20.833, 220.653
Yxy	60.5297, 0.2633, 0.3105
Android (android.graphics.Color)	4288272101 (0xFF99D6E5)
YUV	197.4710, 15.5438, -39.0011
Hunter-Lab	77.8008, -18.4070, -8.8484

Details

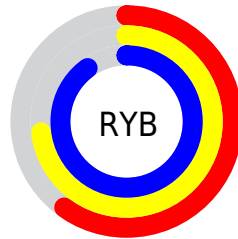
The YIQ color **197.4710, -41.1710, -8.2670** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **184.5290, 41.1710, 8.2670**, and the grayscale version is **197.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **241.2460, -27.4160, -9.7520**, and **142.7700, -40.5750, -8.0550** is the 20% darker color. If you saturate the color by 10%, you get **188.2460, -53.7790, -11.0510**, and if you desaturate by 10%, it is **207.2830, -28.8380, -6.0060**.

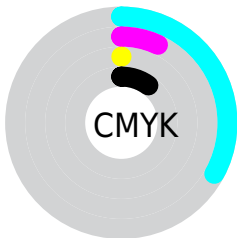
Distribution



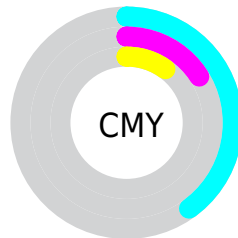
- Red (60%)
- Green (84%)
- Blue (90%)



- Red (60%)
- Yellow (73%)
- Blue (90%)



- Cyan (33%)
- Magenta (7%)
- Yellow (0%)
- Black (10%)



- Cyan (40%)
- Magenta (16%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 197.4710, -41.1710, -8.2670 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 197.4710, -41.1710, -8.2670 by changing the saturation by 10% instead.

■ 197.4710,
-41.1710, -8.2670

■ 197.4710,
-41.1710, -8.2670

■ 255.0000, -0.0000,
-0.0000

■ 169.7700,
-40.5750, -8.0550

■ 241.2460,
-27.4160, -9.7520

■ 142.7700,
-40.5750, -8.0550

■ 249.9170,
-10.1320, -3.6040

■ 116.3570,
-40.8500, -8.5780

■ 90.3460, -42.3170,
-9.5250

■ 62.0570, -48.8730,
-11.8570

■ 43.5420, -39.9330,
-8.6770

■ 28.0060, -26.5000,

-4.3240

■ 12.1110, -13.4340,
1.1740

■ 0.0000, 0.0000,
0.0000

■ 197.4710,
-41.1710, -8.2670

■ 197.4710,
-41.1710, -8.2670

■ 188.2460,
-53.7790, -11.0510

■ 207.2830,
-28.8380, -6.0060

■ 178.4340,
-66.1120, -13.3120

■ 216.5080,
-16.2300, -3.2220

■ 169.2090,
-78.7200, -16.0960

■ 226.3200, -3.8970,
-0.9610

■ 159.3970,
-91.0530, -18.3570

■ 235.5450, 8.7110,
1.8230

■ 150.1720,
-103.6610, -21.1410

■ 241.4700, 13.2960,
1.3280

■ 140.6590,
-115.3980, -23.1900

■ 243.8180, 12.1960,
-0.7640

■ 134.1140,
-124.1090, -25.0130

■ 246.7530, 10.8210,
-3.3790

■ 249.1010, 9.7210,
-5.4710

■ 252.0360, 8.3460,
-8.0860

Harmonies

Analogous

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



196.8920, -35.3470, -14.6990



197.4710, -41.1710, -8.2670



200.6770, -35.5790, 0.5250

Triad

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



197.4710, -41.1710, -8.2670



208.1200, 17.8780, 17.4140



202.6470, 16.6910, -10.6450

Complementary

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



197.4710, -41.1710, -8.2670



184.5290, 41.1710, 8.2670

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.



205.0340, 29.0230, -2.8570



197.4710, -41.1710, -8.2670



207.9440, 29.9370, 13.6250

Square

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



197.4710, -41.1710, -8.2670



206.8990, -0.5530, 15.5350



206.4680, 33.9730, 6.5570



200.5030, -0.6390, -15.9590

Rectangle

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



197.4710, -41.1710, -8.2670



203.3410, -25.5850, 6.6310



206.4680, 33.9730, 6.5570



203.4520, 21.7340, -8.4260

Sweetspot

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



197.4710, -41.1710, -8.2670



244.5900, -13.5250, -2.6850



199.2080, -25.3940, -35.3940



120.8680, -8.4360, -1.3000



0.0000, 0.0000, 0.0000



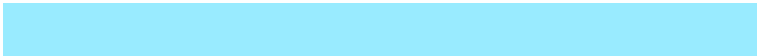
128.0000, -0.0000, -0.0000

Same Dimension

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



197.4710, -41.1710, -8.2670



212.7620, -55.2920, -11.1640



175.7520, -30.9960, 11.0840



109.6510, -6.3270, -0.9750



104.3470, -96.7840, -19.1200



29.8810, -27.6460, -5.5820

Inverse Universe

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



182.6780, 25.7150, 35.0830



192.8460, 34.4700, 47.1260



206.2480, 30.9960, -11.0840



107.6140, 4.2630, 5.3430



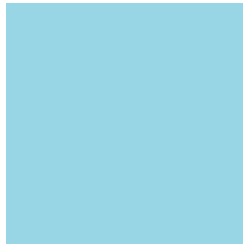
69.8230, 60.7810, 82.4210



19.9230, 17.2350, 23.5630

Previews

White Background



This preview shows how the YIQ color 197.4710, -41.1710, -8.2670 looks on a white background.

Color Contrast Check

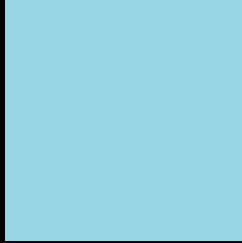
Large Text (above 18pt) WCAG AA × Fail

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 197.4710, -41.1710, -8.2670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

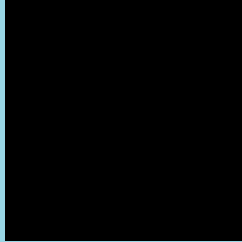
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 197.4710, -41.1710, -8.2670

Background



This preview shows how black text looks on a background with the YIQ color 197.4710, -41.1710, -8.2670.



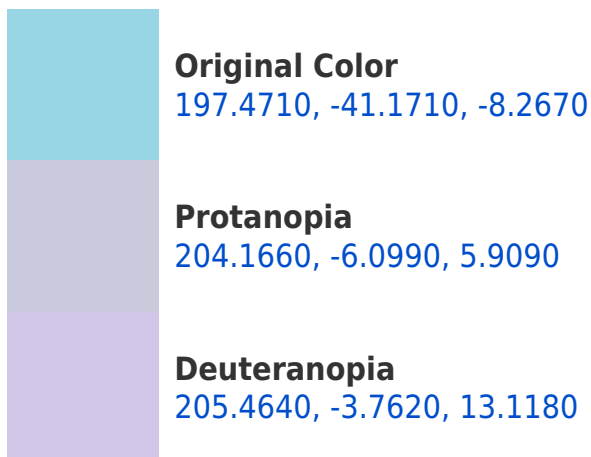
This preview shows how white text looks on a background with the YIQ color 197.4710, -41.1710, -8.2670.

-8.2670.

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

197.6990, -41.8130, -7.6450

Trichromacy



Original Color

197.4710, -41.1710, -8.2670

Protanomaly

201.4740, -18.8900, 0.9340

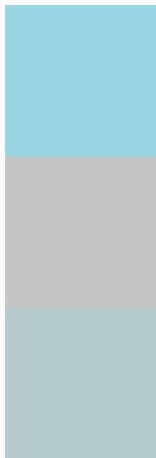
Deuteranomaly

202.5930, -17.6070, 5.2170

Tritanomaly

197.5850, -41.4920, -7.9560

Monochromacy



Original Color

197.4710, -41.1710, -8.2670

Achromatopsia

197.0000, -0.0000, -0.0000

Achromatomaly

197.1060, -15.0380, -2.7980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 197.4710, -41.1710, -8.2670 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(153, 214, 229)` looks like.

```
.text, #text, p{  
    color:rgb(153, 214, 229)  
}
```

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(153, 214, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 214, 229) }
```

Border

The CSS property to change the border of an element to YIQ 197.4710, -41.1710, -8.2670 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(153, 214, 229) }
```


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

```
.border{ border-color:rgb(153, 214, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 214, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 214, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 214, 229);  
box-shadow:4px 4px 4px 4px rgb(153, 214,  
229) }
```

Background

The CSS property to change the background color of an element to YIQ 197.4710, -41.1710, -8.2670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 214, 229) }
```

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

```
.background{ background-color: rgb(153,  
214, 229) }
```

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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