

Converting Colors

YIQ(174.9500, -41.2620,
-12.1260)

Have a look what the booklet for
YIQ(174.9500, -41.2620, -12.1260)
contains.

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Color

**YIQ(174.9500, -41.2620,
-12.1260)**

Conversions

Conversions Part 1

Format	Color
Hex	80C2C8
RGB	128, 194, 200
RGB Percent	50%, 76%, 78%
CMY	0.4982, 0.2391, 0.2158
CMYK	0.36, 0.03, 0.00, 0.22
HSL	185°, 40%, 64%
HSV	185°, 36%, 78%
XYZ	38.6145, 47.3502, 61.7216
YIQ	174.9500, -41.2620, -12.1260

Conversions

Conversions Part 2

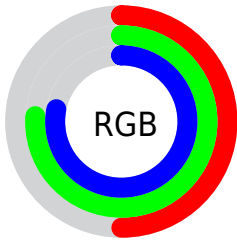
Format	Color
R _Y B	128, 162, 200
Decimal	8438472
CIE Lab	74.41, -19.39, -9.64
CIE LCh	74, 21.657, 206.422
Yxy	47.3502, 0.2615, 0.3206
Android (android.graphics.Color)	4286628552 (0xFF80C2C8)
YUV	174.9500, 12.3496, -41.1752
Hunter-Lab	68.8115, -20.2525, -5.0131

Details

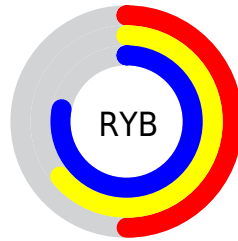
The YIQ color **174.9500, -41.2620, -12.1260** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **153.0500, 41.2620, 12.1260**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **231.1240, -41.8120, -13.1720**, and **120.9500, -41.2620, -12.1260** is the 20% darker color. If you saturate the color by 10%, you get **167.7960, -52.6320, -15.3200**, and if you desaturate by 10%, it is **182.1040, -29.8920, -8.9320**.

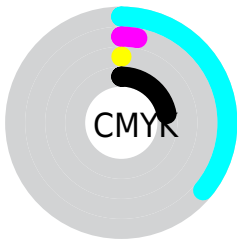
Distribution



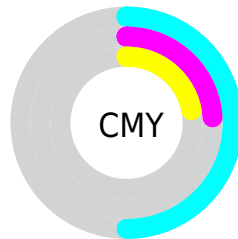
- Red (50%)
- Green (76%)
- Blue (78%)



- Red (50%)
- Yellow (64%)
- Blue (78%)



- Cyan (36%)
- Magenta (3%)
- Yellow (0%)
- Black (22%)



- Cyan (50%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 174.9500, -41.2620, -12.1260 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 174.9500, -41.2620, -12.1260 by changing the saturation by 10% instead.

■ 174.9500,
-41.2620, -12.1260

■ 174.9500,
-41.2620, -12.1260

■ 255.0000, -0.0000,
-0.0000

■ 147.9500,
-41.2620, -12.1260

■ 231.1240,
-41.8120, -13.1720

■ 120.9500,
-41.2620, -12.1260

■ 242.1430,
-25.6280, -9.1160

■ 94.9390, -42.7290,
-13.0730

■ 250.8140, -8.3440,
-2.9680

■ 67.3620, -48.4140,
-14.6700

■ 46.9500, -41.2620,
-12.1260

■ 31.5280, -28.1500,
-7.4620

■ 17.9810, -16.1840,

-4.0560

■ 0.0000, 0.0000,
0.0000

■ 174.9500,
-41.2620, -12.1260

■ 174.9500,
-41.2620, -12.1260

■ 167.7960,
-52.6320, -15.3200

■ 182.1040,
-29.8920, -8.9320

■ 161.2290,
-64.2770, -19.0370

■ 188.6710,
-18.2470, -5.2150

■ 154.0750,
-75.6470, -22.2310

■ 195.8250, -6.8770,
-2.0210

■ 146.9210,
-87.0170, -25.4250

■ 202.9790, 4.4930,
1.1730

■ 140.3540,
-98.6620, -29.1420

■ 209.5460, 16.1380,
4.8900

■ 133.2000,
-110.0320, -32.3360

■ 216.7000, 27.5080,
8.0840

■ 130.2210,
-114.5250, -33.5090

■ 219.9670, 31.1300,
8.5220

■ 220.5540, 30.8550,
7.9990

■ 221.7280, 30.3050,
6.9530

Harmonies

Analogous

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



175.3610, -29.4780, -16.4380



174.9500, -41.2620, -12.1260



177.1060, -41.4010, -4.0970

Triad

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



174.9500, -41.2620, -12.1260



186.8140, 9.9920, 17.1600



182.7620, 23.7970, -7.2670

Complementary

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



174.9500, -41.2620, -12.1260



153.0500, 41.2620, 12.1260

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.



184.2350, 33.0110, 1.9630



174.9500, -41.2620, -12.1260



186.4860, 25.5350, 16.3110

Square

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



174.9500, -41.2620, -12.1260



184.7560, -10.4560, 13.2880



185.6900, 33.4680, 10.2040



180.0480, 8.0720, -14.1360

Rectangle

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



174.9500, -41.2620, -12.1260



179.8020, -34.4330, 1.7830



185.6900, 33.4680, 10.2040



183.4960, 27.6020, -4.6380

Sweetspot

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



174.9500, -41.2620, -12.1260



245.4540, -16.1380, -4.8900



170.8340, -21.4050, -36.1010



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.



174.9500, -41.2620, -12.1260



216.8270, -63.0850, -18.6130



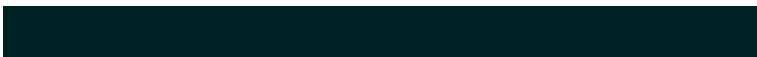
154.4050, -31.6370, 6.1790



96.3090, -5.3640, -1.9080



106.6320, -93.5730, -27.7570



23.4750, -20.6310, -6.0630

Inverse Universe

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



157.0520, 21.7260, 35.7900



189.4040, 33.1390, 54.7310



173.5950, 31.6370, -6.1790



93.7170, 2.4750, 4.7070



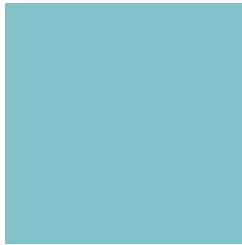
65.8370, 48.9980, 81.2060



14.5260, 10.8630, 17.8950

Previews

White Background



This preview shows how the YIQ color 174.9500, -41.2620, -12.1260 looks on a white background.

Color Contrast Check

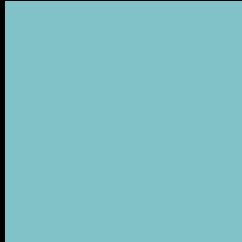
Large Text (above 18pt) WCAG AA × Fail

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 174.9500, -41.2620, -12.1260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

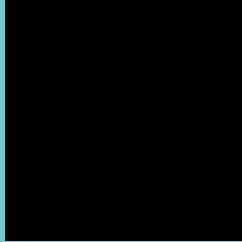
Any Text WCAG AA ✓ Pass

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 174.9500, -41.2620, -12.1260 Background



This preview shows how black text looks on a background with the YIQ color 174.9500, -41.2620, -12.1260.



This preview shows how white text looks on a background with the YIQ color 174.9500, -41.2620, -12.1260.

-12.1260.

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

174.9500, -41.2620, -12.1260

Protanopia

182.8520, -2.3390, 3.8450

Deuteranopia

183.8510, -0.5980, 10.8420



Tritanopia

175.8730, -42.3630, -8.6910

Trichromacy



Original Color

174.9500, -41.2620, -12.1260

Protanomaly

180.1490, -16.5970, -2.0770

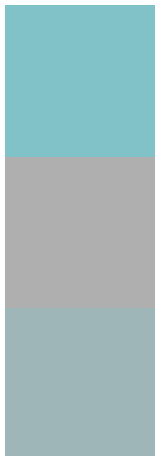
Deuteranomaly

180.3820, -15.6350, 2.5170

Tritanomaly

175.2320, -41.9960, -9.8360

Monochromacy



Original Color

174.9500, -41.2620, -12.1260

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

175.0520, -14.9460, -4.4660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.9500, -41.2620, -12.1260 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(128, 194, 200)` looks like.

```
.text, #text, p{  
    color:rgb(128, 194, 200)  
}
```

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(128, 194, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 194, 200) }
```

Border

The CSS property to change the border of an element to YIQ 174.9500, -41.2620, -12.1260 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(128, 194, 200) }
```


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

```
.border{ border-color:rgb(128, 194, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 194, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 194, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 194, 200);  
box-shadow:4px 4px 4px 4px rgb(128, 194,  
200) }
```

Background

The CSS property to change the background color of an element to YIQ 174.9500, -41.2620, -12.1260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 194, 200) }
```

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

```
.background{ background-color: rgb(128,  
194, 200) }
```

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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