

Converting Colors

YIQ(172.8430, -61.1550,
-42.5870)

Have a look what the booklet for
YIQ(172.8430, -61.1550, -42.5870)
contains.

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Color

**YIQ(172.8430, -61.1550,
-42.5870)**

Conversions

Conversions Part 1

Format	Color
Hex	58D9A8
RGB	88, 217, 168
RGB Percent	35%, 85%, 66%
CMY	0.6552, 0.1488, 0.3414
CMYK	0.59, 0.00, 0.23, 0.15
HSL	157°, 63%, 60%
HSV	157°, 59%, 85%
XYZ	35.9062, 54.5493, 45.6569
YIQ	172.8430, -61.1550, -42.5870

Conversions

Conversions Part 2

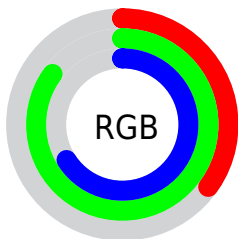
Format	Color
RYB	88, 168, 217
Decimal	5822888
CIELab	78.78, -47.09, 13.72
CIElCh	79, 49.047, 163.757
Yxy	54.5493, 0.2638, 0.4008
Android (android.graphics.Color)	4284012968 (0xFF58D9A8)
YUV	172.8430, -2.3876, -74.4073
Hunter-Lab	73.8575, -42.4720, 15.0486

Details

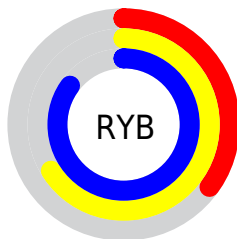
The YIQ color **172.8430, -61.1550, -42.5870** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **132.1570, 61.1550, 42.5870**, and the grayscale version is **173.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **219.3590, -53.5000, -32.6360**, and **107.7310, -81.5110, -48.1270** is the 20% darker color. If you saturate the color by 10%, you get **165.3530, -71.6990, -49.7390**, and if you desaturate by 10%, it is **180.3330, -50.6110, -35.4350**.

Distribution



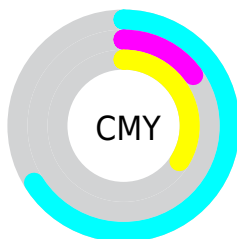
- Red (35%)
- Green (85%)
- Blue (66%)



- Red (35%)
- Yellow (66%)
- Blue (85%)



- Cyan (59%)
- Magenta (0%)
- Yellow (23%)
- Black (15%)



- Cyan (66%)
- Magenta (15%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.8430, -61.1550, -42.5870 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 172.8430, -61.1550, -42.5870 by changing the saturation by 10% instead.

■ 172.8430,
-61.1550, -42.5870

■ 172.8430,
-61.1550, -42.5870

■ 255.0000, -0.0000,
-0.0000

■ 143.1630,
-65.0520, -43.5480

■ 219.3590,
-53.5000, -32.6360

■ 107.7310,
-81.5110, -48.1270

■ 231.6350,
-44.9290, -17.2570

■ 89.0320, -66.0610,
-41.7810

■ 240.9470,
-28.0120, -9.9640

■ 71.1480, -51.5280,
-35.3360

■ 249.9170,
-10.1320, -3.6040

■ 53.8510, -37.2700,
-29.4140

■ 37.3690, -23.9290,
-23.3930

■ 21.7190, -10.1750,

-19.3510

■ 0.0000, 0.0000,
0.0000

■ 172.8430,
-61.1550, -42.5870

■ 172.8430,
-61.1550, -42.5870

■ 165.3530,
-71.6990, -49.7390

■ 180.3330,
-50.6110, -35.4350

■ 158.0480,
-81.3260, -56.9900

■ 187.5240,
-40.6630, -28.4950

■ 150.5580,
-91.8700, -64.1420

■ 195.1280,
-30.4400, -21.0320

■ 143.0680,
-102.4140, -71.2940

■ 202.6180,
-19.8960, -13.8800

■ 142.7690,
-103.0100, -71.5060

■ 209.8090, -9.9480,
-6.9400

■ 217.2990, 0.5960,
0.2120

■ 224.9030, 10.8190,
7.6750

■ 230.3000, 17.1910,
13.3430

■ 231.2120, 14.6230,
15.8310

Harmonies

Analogous

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



183.1960, -7.9250, -38.1090



172.8430, -61.1550, -42.5870



153.0630, -129.2400, -47.6720

Triad

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



172.8430, -61.1550, -42.5870



189.6140, -39.2950, 12.8090



190.1370, 62.7660, 7.8700

Complementary

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



172.8430, -61.1550, -42.5870



132.1570, 61.1550, 42.5870

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.



189.0550, 52.0340, 26.1620



172.8430, -61.1550, -42.5870



199.3690, 4.7160, 35.6920

Square

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



172.8430, -61.1550, -42.5870



168.5190, -103.0200, -16.2360



196.0600, 36.4430, 38.8990



193.4610, 61.0730, -11.0150

Rectangle

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



172.8430, -61.1550, -42.5870



155.1950, -137.9990, -37.6070



196.0600, 36.4430, 38.8990



189.2710, 59.6930, 14.0050

Sweetspot

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



172.8430, -61.1550, -42.5870



239.3080, -21.9590, -15.0390



178.3740, -6.2710, -57.0790



118.0750, -13.7530, -9.5690



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.



172.8430, -61.1550, -42.5870



193.0150, -85.7270, -59.8310



169.6240, -72.7590, -19.5030



106.1410, -4.9510, -3.8870



113.7490, -81.9220, -57.2020



30.1940, -21.6380, -15.3500

Inverse Universe

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



132.1570, 61.1550, 42.5870



135.9850, 85.7270, 59.8310



135.3760, 72.7590, 19.5030



102.7450, 5.2720, 3.5760



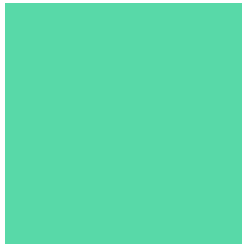
59.2510, 81.9220, 57.2020



15.6920, 21.9590, 15.0390

Previews

White Background



This preview shows how the YIQ color 172.8430, -61.1550, -42.5870 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 172.8430, -61.1550, -42.5870 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

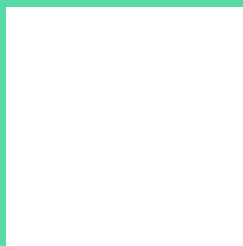
Any Text WCAG AAA ✓ Pass

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

YIQ 172.8430, -61.1550, -42.5870 Background



This preview shows how black text looks on a background with the YIQ color 172.8430, -61.1550, -42.5870.



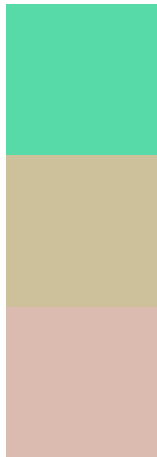
This preview shows how white text looks on a background with the YIQ color 172.8430, -61.1550, -42.5870.

-42.5870.

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

172.8430, -61.1550, -42.5870

Protanopia

192.3700, 19.0290, -8.9630

Deuteranopia

195.2000, 22.9240, 3.0520



Tritanopia

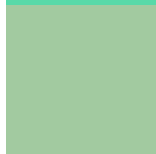
180.7390, -65.6530, -16.1250

Trichromacy



Original Color

172.8430, -61.1550, -42.5870



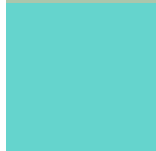
Protanomaly

185.2520, -10.3580, -21.5420



Deuteranomaly

186.9630, -7.7460, -13.8100



Tritanomaly

178.0130, -63.9090, -25.7090

Monochromacy



Original Color

172.8430, -61.1550, -42.5870



Achromatopsia

173.0000, -0.0000, 0.0000



Achromatomaly

172.8950, -22.2340, -15.5620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.8430, -61.1550, -42.5870 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(88, 217, 168)` looks like.

```
.text, #text, p{  
    color:rgb(88, 217, 168)  
}
```

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(88, 217, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 217, 168) }
```

Border

The CSS property to change the border of an element to YIQ 172.8430, -61.1550, -42.5870 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(88, 217, 168) }
```


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

```
.border{ border-color:rgb(88, 217, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 217, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 217, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 217, 168);  
box-shadow:4px 4px 4px 4px rgb(88, 217,  
168) }
```

Background

The CSS property to change the background color of an element to YIQ 172.8430, -61.1550, -42.5870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 217, 168) }
```

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

```
.background{ background-color: rgb(88, 217,  
168) }
```

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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