

Converting Colors

YIQ(174.7260, -65.9200,
-60.8640)

Have a look what the booklet for
YIQ(174.7260, -65.9200, -60.8640)
contains.

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Color

**YIQ(174.7260, -65.9200,
-60.8640)**

Conversions

Conversions Part 1

Format	Color
Hex	4AE890
RGB	74, 232, 144
RGB Percent	29%, 91%, 56%
CMY	0.7102, 0.0899, 0.4355
CMYK	0.68, 0.00, 0.38, 0.09
HSL	147°, 78%, 60%
HSV	147°, 68%, 91%
XYZ	36.7211, 61.2141, 36.2459
YIQ	174.7260, -65.9200, -60.8640

Conversions

Conversions Part 2

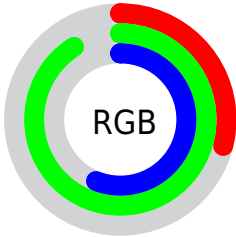
Format	Color
RYB	74, 183, 232
Decimal	4909200
CIELab	82.49, -60.38, 31.21
CIELCh	82, 67.966, 152.668
Yxy	61.2141, 0.2737, 0.4562
Android (android.graphics.Color)	4283099280 (0xFF4AE890)
YUV	174.7260, -15.1479, -88.3367
Hunter-Lab	78.2394, -53.1413, 27.3004

Details

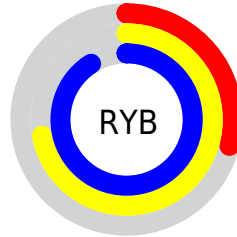
The YIQ color **174.7260, -65.9200, -60.8640** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **131.2740, 65.9200, 60.8640**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **214.1170, -50.2430, -42.1070**, and **113.3270, -77.9780, -62.6020** is the 20% darker color. If you saturate the color by 10%, you get **166.3670, -75.4550, -69.7830**, and if you desaturate by 10%, it is **183.0850, -56.3850, -51.9450**.

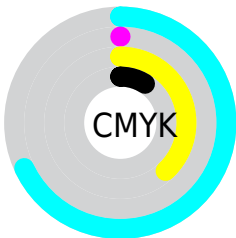
Distribution



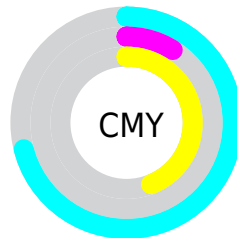
- Red (29%)
- Green (91%)
- Blue (56%)



- Red (29%)
- Yellow (72%)
- Blue (91%)



- Cyan (68%)
- Magenta (0%)
- Yellow (38%)
- Black (9%)



- Cyan (71%)
- Magenta (9%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 174.7260, -65.9200, -60.8640 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 174.7260, -65.9200, -60.8640 by changing the saturation by 10% instead.

■ 174.7260,
-65.9200, -60.8640

■ 174.7260,
-65.9200, -60.8640

■ 255.0000, -0.0000,
-0.0000

■ 140.9850,
-77.0150, -63.5350

■ 214.1170,
-50.2430, -42.1070

■ 113.3270,
-77.9780, -62.6020

■ 226.3930,
-41.6720, -26.7280

■ 94.6280, -62.5280,
-56.2560

■ 238.8540,
-32.1840, -11.4480

■ 76.0430, -47.3990,
-49.5990

■ 248.1230,
-13.7080, -4.8760

■ 58.0450, -32.5450,
-43.4650

■ 40.5030, -18.9750,
-36.0870

■ 27.0020, -12.6500,

-24.0580

■ 9.3920, -4.4000,
-8.3680

■ 0.0000, 0.0000,
0.0000

■ 174.7260,
-65.9200, -60.8640

■ 174.7260,
-65.9200, -60.8640

■ 166.3670,
-75.4550, -69.7830

■ 183.0850,
-56.3850, -51.9450

■ 157.7090,
-85.5860, -78.9140


■ 191.4440,
-46.8500, -43.0260

■ 149.3500,
-95.1210, -87.8330

■ 200.1020,
-36.7190, -33.8950


■ 147.9260,
-96.8630, -89.3030

■ 208.4610,
-27.1840, -24.9760

 216.8200,
-17.6490, -16.0570

 225.1790, -8.1140,
-7.1380

 233.4240, 1.7420,
1.4700

 240.5870, 8.8930,
9.5410

 241.4990, 6.3250,
12.0290

Harmonies

Analogous

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



190.9310, 11.3340, -51.2420



174.7260, -65.9200, -60.8640



162.9450, -132.2640, -58.9520

Triad

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



174.7260, -65.9200, -60.8640



175.6620, -93.1170, -13.9890



184.3640, 63.8650, 15.4890

Complementary

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



174.7260, -65.9200, -60.8640



131.2740, 65.9200, 60.8640

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.



186.1490, 46.4380, 39.4780



174.7260, -65.9200, -60.8640



202.5370, -4.8650, 27.6070

Square

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



174.7260, -65.9200, -60.8640



162.3190, -144.2800, -39.4160



199.8220, 25.8500, 49.1620



192.2790, 73.2690, -11.7790

Rectangle

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



174.7260, -65.9200, -60.8640



167.3740, -146.1130, -44.7450



199.8220, 25.8500, 49.1620



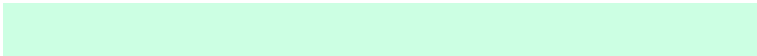
183.7090, 58.8200, 24.3240

Sweetspot

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



174.7260, -65.9200, -60.8640



236.5590, -21.4080, -19.5200



193.6560, 10.1900, -63.5540



116.6790, -12.6980, -12.1700



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.



174.7260, -65.9200, -60.8640



179.2850, -87.3280, -80.3840



183.6180, -90.9580, -36.6060



113.0270, -4.6300, -4.1980



115.3670, -75.4550, -69.7830



34.4340, -22.5540, -20.7780

Inverse Universe

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



131.2740, 65.9200, 60.8640



121.7150, 87.3280, 80.3840



122.3820, 90.9580, 36.6060



109.9730, 4.6300, 4.1980



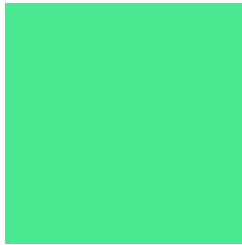
65.6330, 75.4550, 69.7830



19.5660, 22.5540, 20.7780

Previews

White Background



This preview shows how the YIQ color 174.7260, -65.9200, -60.8640 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 174.7260, -65.9200, -60.8640 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 174.7260, -65.9200, -60.8640 Background



This preview shows how black text looks on a background with the YIQ color 174.7260, -65.9200, -60.8640.



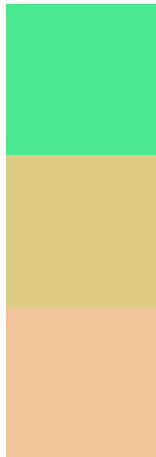
This preview shows how white text looks on a background with the YIQ color 174.7260, -65.9200, -60.8640.

-60.8640.

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

174.7260, -65.9200, -60.8640

Protanopia

200.2880, 33.5190, -18.2650

Deuteranopia

203.5530, 40.6230, -3.8330



Tritanopia

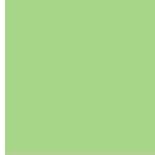
189.2650, -73.1260, -18.3580

Trichromacy



Original Color

174.7260, -65.9200, -60.8640



Protanomaly

191.3540, -2.3780, -34.0100



Deuteranomaly

192.9020, 2.2510, -24.2850



Tritanomaly

184.0350, -70.1430, -33.8790

Monochromacy



Original Color

174.7260, -65.9200, -60.8640



Achromatopsia

175.0000, -0.0000, -0.0000



Achromatomaly

175.0100, -24.2960, -22.2480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.7260, -65.9200, -60.8640 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(74, 232, 144)` looks like.

```
.text, #text, p{  
    color:rgb(74, 232, 144)  
}
```

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(74, 232, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 232, 144) }
```

Border

The CSS property to change the border of an element to YIQ 174.7260, -65.9200, -60.8640 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(74, 232, 144) }
```


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

```
.border{ border-color:rgb(74, 232, 144) }
```

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

Here you see how a box with a 4 pixel rgb(74, 232, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 232, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 232, 144);  
box-shadow:4px 4px 4px 4px rgb(74, 232,  
144) }
```

Background

The CSS property to change the background color of an element to YIQ 174.7260, -65.9200, -60.8640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 232, 144) }
```

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

```
.background{ background-color: rgb(74, 232,  
144) }
```

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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