

Converting Colors

YIQ(174.5620, 8.9000, -29.1480)

Have a look what the booklet for
YIQ(174.5620, 8.9000, -29.1480)
contains.

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Color

**YIQ(174.5620, 8.9000,
-29.1480)**

Conversions

Conversions Part 1

Format	Color
Hex	A5BF73
RGB	165, 191, 115
RGB Percent	65%, 75%, 45%
CMY	0.3530, 0.2509, 0.5489
CMYK	0.14, 0.00, 0.40, 0.25
HSL	81°, 37%, 60%
HSV	81°, 40%, 75%
XYZ	37.2403, 46.5010, 23.2397
YIQ	174.5620, 8.9000, -29.1480

Conversions

Conversions Part 2

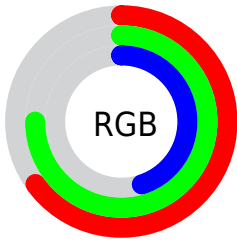
Format	Color
RYB	115, 191, 141
Decimal	10862451
CIELab	73.87, -21.50, 35.42
CIELCh	74, 41.436, 121.252
Yxy	46.5010, 0.3481, 0.4347
Android (android.graphics.Color)	4289052531 (0xFFA5BF73)
YUV	174.5620, -29.3641, -8.3859
Hunter-Lab	68.1916, -21.8543, 27.5281

Details

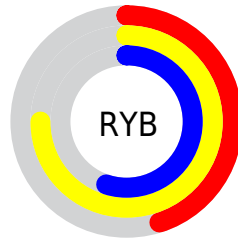
The YIQ color $174.5620, 8.9000, -29.1480$ is a light color, and the websafe version is hex $99CC66$. A complement of this color would be $131.4380, -8.9000, 29.1480$, and the grayscale version is $175.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $230.2200, 9.8630, -30.0810$, and $121.9040, 7.9370, -28.2150$ is the 20% darker color. If you saturate the color by 10%, you get $170.3030, 10.8270, -36.5410$, and if you desaturate by 10%, it is $178.8210, 6.9730, -21.7550$.

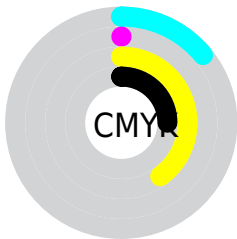
Distribution



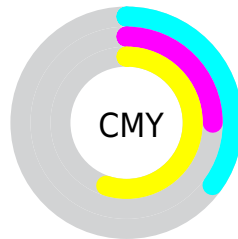
- Red (65%)
- Green (75%)
- Blue (45%)



- Red (45%)
- Yellow (75%)
- Blue (55%)



- Cyan (14%)
- Magenta (0%)
- Yellow (40%)
- Black (25%)



- Cyan (35%)
- Magenta (25%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 174.5620, 8.9000, -29.1480 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 174.5620, 8.9000, -29.1480 by changing the saturation by 10% instead.

■ 174.5620, 8.9000,
-29.1480

■ 174.5620, 8.9000,
-29.1480

255.0000, -0.0000,
-0.0000

■ 147.7900, 8.2580,
-28.5260

■ 230.2200, 9.8630,
-30.0810

■ 121.9040, 7.9370,
-28.2150

■ 246.6650, 16.2800,
-19.7200

■ 96.1320, 7.2950,
-27.5930

■ 251.4660, 9.9510,
-9.6410

■ 71.5450, 7.5700,
-27.0700

254.7720, 0.6420,
-0.6220

■ 48.9300, 5.0480,
-25.4160

■ 28.5410, -3.8020,
-19.2100

■ 12.9140, -6.0500,

-11.5060

■ 0.0000, 0.0000,
0.0000

■ 174.5620, 8.9000,
-29.1480

■ 174.5620, 8.9000,
-29.1480

■ 170.3030, 10.8270,
-36.5410

■ 178.8210, 6.9730,
-21.7550

■ 166.3430, 13.3500,
-43.7220

■ 182.7810, 4.4500,
-14.5740

■ 162.0840, 15.2770,
-51.1150


■ 187.0400, 2.5230,
-7.1810


■ 158.1240, 17.8000,
-58.2960

■ 191.0000, -0.0000,
-0.0000

■ 153.8650, 19.7270,
-65.6890


■ 195.3730, -2.2480,
7.7040

 149.7910, 22.5710,
-73.1810

 199.3330, -4.7710,
14.8850

 203.5920, -6.6980,
22.2780

 206.0700, -5.0480,
25.4160

 208.1630, -0.8760,
26.9000

Harmonies

Analogous

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



178.9250, 38.9750, -18.0250



174.5620, 8.9000, -29.1480



168.2230, -29.7500, -33.5420

Triad

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



174.5620, 8.9000, -29.1480



157.8720, -102.5160, -14.3560



185.5050, 50.8870, 30.4310

Complementary

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



174.5620, 8.9000, -29.1480



131.4380, -8.9000, 29.1480

Split Complementary

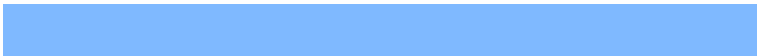
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



186.7810, 23.9270, 34.4470



174.5620, 8.9000, -29.1480



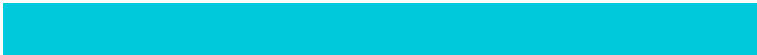
175.6380, -57.0380, 9.4740

Square

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



174.5620, 8.9000, -29.1480



143.0670, -125.8950, -36.7030



184.7470, -14.2640, 27.2400



183.0480, 61.9390, 17.3550

Rectangle

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



174.5620, 8.9000, -29.1480



162.0700, -60.0560, -34.9680



184.7470, -14.2640, 27.2400



186.0790, 43.4590, 32.8910

Sweetspot

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



174.5620, 8.9000, -29.1480



240.7040, 3.3490, -11.1390



152.3990, 38.4210, 3.0370



121.1540, 2.2020, -6.8700



252.0000, 0.0000, 0.0000



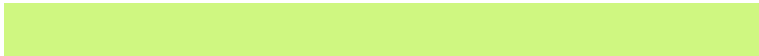
125.0000, 0.0000, 0.0000

Same Dimension

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



174.5620, 8.9000, -29.1480



221.5880, 14.0380, -45.1780



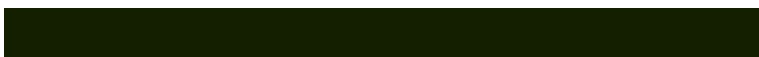
163.4990, -13.1520, -36.9920



92.0770, 1.1010, -3.4350



123.8420, 18.5340, -60.5860



24.1770, 3.3950, -11.9730

Inverse Universe

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



131.4380, -8.9000, 29.1480



154.4120, -14.0380, 45.1780



142.5010, 13.1520, 36.9920



86.9230, -1.1010, 3.4350



34.1580, -18.5340, 60.5860



6.5240, -3.9910, 11.7610

Previews

White Background



This preview shows how the YIQ color 174.5620, 8.9000, -29.1480 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 174.5620, 8.9000, -29.1480 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 174.5620, 8.9000, -29.1480

Background



This preview shows how black text looks on a background with the YIQ color 174.5620, 8.9000, -29.1480.



This preview shows how white text looks on a background with the YIQ color 174.5620, 8.9000,

-29.1480.

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

174.5620, 8.9000, -29.1480

Protanopia

178.1030, 32.6020, -18.1660

Deuteranopia

180.2990, 44.1540, -7.2540



Tritanopia

181.2150, -7.7950, 3.6050

Trichromacy



Original Color

174.5620, 8.9000, -29.1480

Protanomaly

176.9770, 24.0290, -22.4910

Deuteranomaly

178.6130, 31.2260, -15.2540

Tritanomaly

179.0610, -1.9700, -8.3540

Monochromacy



Original Color

174.5620, 8.9000, -29.1480

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

174.8180, 3.0280, -10.8280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.5620, 8.9000, -29.1480 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(165, 191, 115)` looks like.

```
.text, #text, p{  
    color:rgb(165, 191, 115)  
}
```

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(165, 191, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 191, 115) }
```

Border

The CSS property to change the border of an element to YIQ 174.5620, 8.9000, -29.1480 is called "border". The border property can be set on classes, ids or directly on the HTML element.

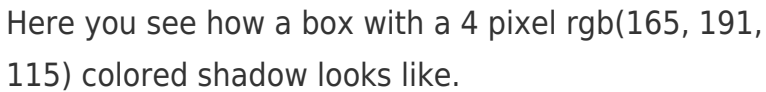
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 191, 115) }
```


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

```
.border{ border-color:rgb(165, 191, 115) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 191, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 191, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 191, 115); box-shadow:4px 4px 4px 4px rgb(165, 191, 115) }
```

Background

The CSS property to change the background color of an element to YIQ 174.5620, 8.9000, -29.1480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 191, 115) }
```

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

```
.background{ background-color: rgb(165,  
191, 115) }
```

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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