

Converting Colors

YIQ(149.2360, -4.2610,
-16.3970)

Have a look what the booklet for
YIQ(149.2360, -4.2610, -16.3970)
contains.

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Color

**YIQ(149.2360, -4.2610,
-16.3970)**

Conversions

Conversions Part 1

Format	Color
Hex	87A17E
RGB	135, 161, 126
RGB Percent	53%, 63%, 49%
CMY	0.4707, 0.3686, 0.5059
CMYK	0.16, 0.00, 0.22, 0.37
HSL	105°, 16%, 56%
HSV	105°, 22%, 63%
XYZ	26.5011, 32.1491, 24.5482
YIQ	149.2360, -4.2610, -16.3970

Conversions

Conversions Part 2

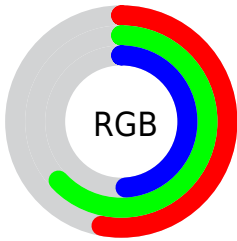
Format	Color
RYB	126, 161, 152
Decimal	8888702
CIELab	63.47, -15.88, 15.28
CIElCh	63, 22.040, 136.093
Yxy	32.1491, 0.3185, 0.3864
Android (android.graphics.Color)	4287078782 (0xFF87A17E)
YUV	149.2360, -11.4553, -12.4850
Hunter-Lab	56.7002, -15.7962, 14.0207

Details

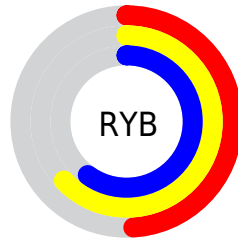
The YIQ color $149.2360, -4.2610, -16.3970$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $137.7640, 4.2610, 16.3970$, and the grayscale version is $149.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $203.7090, -4.2150, -17.2310$, and $98.1760, -4.0320, -15.0400$ is the 20% darker color. If you saturate the color by 10%, you get $143.8240, -6.2770, -23.9170$, and if you desaturate by 10%, it is $154.6480, -2.2450, -8.8770$.

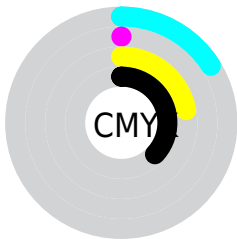
Distribution



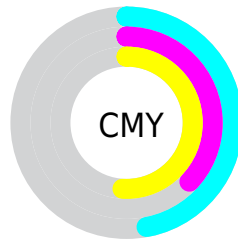
- Red (53%)
- Green (63%)
- Blue (49%)



- Red (49%)
- Yellow (63%)
- Blue (60%)



- Cyan (16%)
- Magenta (0%)
- Yellow (22%)
- Black (37%)



- Cyan (47%)
- Magenta (37%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 149.2360, -4.2610, -16.3970 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 149.2360, -4.2610, -16.3970 by changing the saturation by 10% instead.

■ 149.2360, -4.2610,
-16.3970

■ 149.2360, -4.2610,
-16.3970

■ 255.0000, -0.0000,
-0.0000

■ 123.3500, -4.5820,
-16.0860

■ 203.7090, -4.2150,
-17.2310

■ 98.1760, -4.0320,
-15.0400

■ 231.2960, -4.4900,
-17.7540

■ 74.2900, -4.3530,
-14.7290

■ 249.7300, 0.4600,
-8.3400

■ 51.7030, -4.0780,
-14.2060

■ 30.0020, -3.4820,
-13.9940

■ 11.7400, -5.5000,
-10.4600

■ 0.0000, 0.0000,

0.0000

■ 149.2360, -4.2610,
-16.3970

■ 149.2360, -4.2610,
-16.3970

■ 143.8240, -6.2770,
-23.9170

■ 154.6480, -2.2450,
-8.8770

■ 138.4120, -8.2930,
-31.4370

■ 160.0600, -0.2290,
-1.3570

■ 133.0000,
-10.3090, -38.9570

■ 165.4720, 1.7870,
6.1630

■ 127.5880,
-12.3250, -46.4770

■ 170.8840, 3.8030,
13.6830

■ 122.0620,
-14.0200, -54.3080

■ 176.4100, 5.4980,
21.5140

■ 116.6500,
-16.0360, -61.8280

■ 181.8220, 7.5140,
29.0340

■ 111.2380,
-18.0520, -69.3480

■ 187.2340, 9.5300,
36.5540

■ 106.7660,
-19.8390, -75.5110

■ 192.6460, 11.5460,
44.0740

■ 196.2340, 18.6980,
46.6180

Harmonies

Analogous

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



151.7390, 13.4360, -12.2280



149.2360, -4.2610, -16.3970



146.7700, -23.3800, -16.8200

Triad

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



149.2360, -4.2610, -16.3970



149.8020, -34.4330, 1.7830



156.6020, 30.9000, 12.6920

Complementary

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



149.2360, -4.2610, -16.3970



137.7640, 4.2610, 16.3970

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.



156.7890, 20.3080, 17.4280



149.2360, -4.2610, -16.3970



154.3530, -16.6910, 10.6450

Square

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



149.2360, -4.2610, -16.3970



146.2150, -43.3260, -7.7580



156.5790, 3.3440, 16.4960



155.1150, 33.4690, 4.6770

Rectangle

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



149.2360, -4.2610, -16.3970



145.2510, -34.9800, -15.8440



156.5790, 3.3440, 16.4960



156.9870, 28.3780, 14.3460

Sweetspot

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



149.2360, -4.2610, -16.3970



204.0010, -1.7410, -6.9970



151.7270, 13.7100, -6.1780



101.8810, -1.2830, -4.2830



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



149.2360, -4.2610, -16.3970



190.8840, -6.5060, -25.2740



147.4570, -12.1930, -15.8170



79.1800, -0.6870, -4.0710



96.1780, -17.8230, -67.9910



12.0610, -1.9700, -8.3540

Inverse Universe

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



137.7640, 4.2610, 16.3970



173.1160, 6.5060, 25.2740



139.5430, 12.1930, 15.8170



76.1190, 1.2830, 4.2830



48.8220, 17.8230, 67.9910



5.9390, 1.9700, 8.3540

Previews

White Background



This preview shows how the YIQ color 149.2360, -4.2610, -16.3970 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 149.2360, -4.2610, -16.3970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

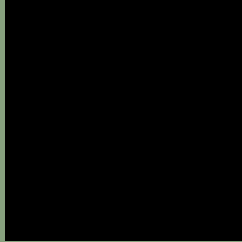
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 149.2360, -4.2610, -16.3970

Background



This preview shows how black text looks on a background with the YIQ color 149.2360, -4.2610, -16.3970.



This preview shows how white text looks on a background with the YIQ color 149.2360, -4.2610, -16.3970.

-16.3970.

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

149.2360, -4.2610, -16.3970

Protanopia

152.4560, 15.9110, -7.5210

Deuteranopia

153.9180, 23.6580, 0.7620



Tritanopia

152.5950, -11.9210, 1.2870

Trichromacy



Original Color

149.2360, -4.2610, -16.3970

Protanomaly

151.3410, 8.8050, -10.8990

Deuteranomaly

152.2540, 13.6640, -5.3440

Tritanomaly

151.1620, -9.4440, -5.0600

Monochromacy



Original Color

149.2360, -4.2610, -16.3970

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

148.9410, -1.5120, -5.6400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.2360, -4.2610, -16.3970 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(135, 161, 126)` looks like.

```
.text, #text, p{  
    color:rgb(135, 161, 126)  
}
```

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(135, 161, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 161, 126) }
```

Border

The CSS property to change the border of an element to YIQ 149.2360, -4.2610, -16.3970 is called "border". The border property can be set on classes, ids or directly on the HTML element.

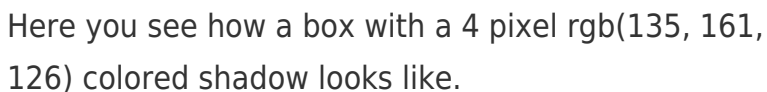
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 161, 126) }
```


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

```
.border{ border-color:rgb(135, 161, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(135, 161, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 161, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 161, 126); box-shadow:4px 4px 4px 4px rgb(135, 161, 126) }
```

Background

The CSS property to change the background color of an element to YIQ 149.2360, -4.2610, -16.3970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 161, 126) }
```

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

```
.background{ background-color: rgb(135,  
161, 126) }
```

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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