

Converting Colors

YIQ(149.9510, 1.6960, 2.3040)

Have a look what the booklet for
YIQ(149.9510, 1.6960, 2.3040)
contains.

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Color

**YIQ(149.9510, 1.6960,
2.3040)**

Conversions

Conversions Part 1

Format	Color
Hex	999498
RGB	153, 148, 152
RGB Percent	60%, 58%, 60%
CMY	0.4000, 0.4196, 0.4039
CMYK	0.00, 0.03, 0.01, 0.40
HSL	312°, 2%, 59%
HSV	312°, 3%, 60%
XYZ	29.3947, 30.2188, 33.9897
YIQ	149.9510, 1.6960, 2.3040

Conversions

Conversions Part 2

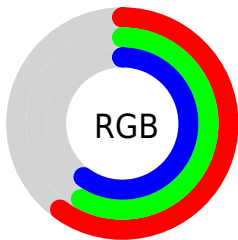
Format	Color
R_{YB}	153, 148, 152
Decimal	10065048
CIE Lab	61.84, 2.60, -1.46
CIE LCh	62, 2.982, 330.651
Yxy	30.2188, 0.3140, 0.3228
Android (android.graphics.Color)	4288255128 (0xFF999498)
YUV	149.9510, 1.0102, 2.6740
Hunter-Lab	54.9717, -0.7521, 1.8204

Details

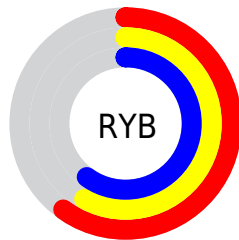
The YIQ color **149.9510, 1.6960, 2.3040** is a light color, and the websafe version is hex **999999**. A complement of this color would be **151.0490, -1.6960, -2.3040**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **203.9510, 1.6960, 2.3040**, and **98.9510, 1.6960, 2.3040** is the 20% darker color. If you saturate the color by 10%, you get **140.8040, 6.7840, 9.2160**, and if you desaturate by 10%, it is **159.0980, -3.3920, -4.6080**.

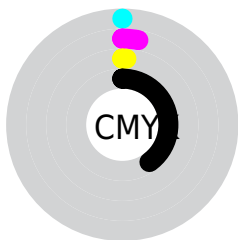
Distribution



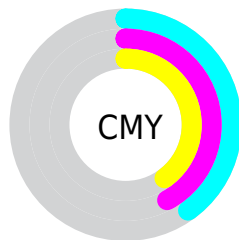
- Red (60%)
- Green (58%)
- Blue (60%)



- Red (60%)
- Yellow (58%)
- Blue (60%)



- Cyan (0%)
- Magenta (3%)
- Yellow (1%)
- Black (40%)



- Cyan (40%)
- Magenta (42%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 149.9510, 1.6960, 2.3040 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 149.9510, 1.6960, 2.3040 by changing the saturation by 10% instead.

■ 149.9510, 1.6960,
2.3040

■ 149.9510, 1.6960,
2.3040

255.0000, -0.0000,
-0.0000

■ 123.9510, 1.6960,
2.3040

■ 203.9510, 1.6960,
2.3040

■ 98.9510, 1.6960,
2.3040

■ 232.2500, 2.2920,
2.5160

■ 75.5380, 1.4210,
1.7810

■ 52.6520, 1.1000,
2.0920

■ 31.5380, 1.4210,
1.7810

■ 7.6630, 2.5670,
3.0390

■ 0.0000, 0.0000,

0.0000

■ 149.9510, 1.6960,
2.3040

■ 149.9510, 1.6960,
2.3040

■ 140.8040, 6.7840,
9.2160

■ 159.0980, -3.3920,
-4.6080

■ 131.0700, 12.1470,
16.6510

■ 168.8320, -8.7550,
-12.0430

■ 121.9230, 17.2350,
23.5630

■ 177.9790,
-13.8430, -18.9550

■ 112.7760, 22.3230,
30.4750

■ 187.1260,
-18.9310, -25.8670

■ 103.0420, 27.6860,
37.9100

■ 196.8600,
-24.2940, -33.3020

■ 93.8950, 32.7740,
44.8220

■ 206.0070,
-29.3820, -40.2140

84.7480, 37.8620,
51.7340

215.1540,
-34.4700, -47.1260

75.4870, 43.2710,
58.3350

215.6100,
-35.7540, -45.8820

65.7530, 48.6340,
65.7700

215.9520,
-36.7170, -44.9490

Harmonies

Analogous

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



149.8690, -1.0090, 1.7670



149.9510, 1.6960, 2.3040



150.2070, 3.8510, 1.7950

Triad

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



149.9510, 1.6960, 2.3040



149.3270, 3.3930, -0.9190



148.7220, -5.0890, -1.3850

Complementary

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



149.9510, 1.6960, 2.3040



151.0490, -1.6960, -2.3040

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.



148.6790, -3.5300, -2.1060



149.9510, 1.6960, 2.3040



149.1310, 1.0090, -1.7670

Square

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



149.9510, 1.6960, 2.3040



149.4520, 4.5390, 0.3390



149.0490, -1.6960, -2.3040



148.6620, -4.8600, -0.0280

Rectangle

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



149.9510, 1.6960, 2.3040



150.0930, 4.1720, 1.4840



149.0490, -1.6960, -2.3040



148.6080, -4.7680, -1.6960

Sweetspot

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



149.9510, 1.6960, 2.3040



197.8260, 0.5500, 1.0460



148.8690, -1.0090, 1.7670



98.4130, 0.2750, 0.5230



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



149.9510, 1.6960, 2.3040



194.0760, 2.8420, 3.5620



149.7230, 2.3380, 1.6820



74.5380, 1.4210, 1.7810



54.6280, 47.4880, 64.5120



5.0270, 4.5380, 5.8660

Inverse Universe

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



149.9510, 1.6960, 2.3040



194.0760, 2.8420, 3.5620



151.3910, -2.6590, -1.3710



74.5380, 1.4210, 1.7810



54.6280, 47.4880, 64.5120



5.0270, 4.5380, 5.8660

Previews

White Background



This preview shows how the YIQ color 149.9510, 1.6960, 2.3040 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 149.9510, 1.6960, 2.3040 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 149.9510, 1.6960, 2.3040

Background



This preview shows how black text looks on a background with the YIQ color 149.9510, 1.6960, 2.3040.



This preview shows how white text looks on a background with the YIQ color 149.9510, 1.6960,

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

149.9510, 1.6960, 2.3040

Protanopia

149.9400, 0.2290, 1.3570

Deuteranopia

150.9950, 7.5640, 6.0920



Tritanopia

150.4610, 0.3200, 5.2160

Trichromacy



Original Color

149.9510, 1.6960, 2.3040

Protanomaly

150.2390, 0.8250, 1.5690

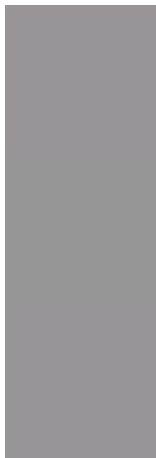
Deuteranomaly

150.6850, 5.5010, 4.9330

Tritanomaly

150.1190, 1.2830, 4.2830

Monochromacy



Original Color

149.9510, 1.6960, 2.3040

Achromatopsia

150.0000, -0.0000, -0.0000

Achromatomaly

149.8260, 0.5500, 1.0460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.9510, 1.6960, 2.3040 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(153, 148, 152)` looks like.

```
.text, #text, p{  
    color:rgb(153, 148, 152)  
}
```

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(153, 148, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 148, 152) }
```

Border

The CSS property to change the border of an element to YIQ 149.9510, 1.6960, 2.3040 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(153, 148, 152) }
```


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

```
.border{ border-color:rgb(153, 148, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 148, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 148, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 148, 152);  
box-shadow:4px 4px 4px 4px rgb(153, 148,  
152) }
```

Background

The CSS property to change the background color of an element to YIQ 149.9510, 1.6960, 2.3040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 148, 152) }
```

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

```
.background{ background-color: rgb(153,  
148, 152) }
```

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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