

Converting Colors

YIQ(149.7350, 20.4000, 15.7600)

Have a look what the booklet for
YIQ(149.7350, 20.4000, 15.7600)
contains.

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Color

**YIQ(149.7350, 20.4000,
15.7600)**

Conversions

Conversions Part 1

Format	Color
Hex	B3869A
RGB	179, 134, 154
RGB Percent	70%, 53%, 60%
CMY	0.2979, 0.4746, 0.3960
CMYK	0.00, 0.25, 0.14, 0.30
HSL	333°, 23%, 61%
HSV	333°, 25%, 70%
XYZ	32.9541, 28.9660, 34.4333
YIQ	149.7350, 20.4000, 15.7600

Conversions

Conversions Part 2

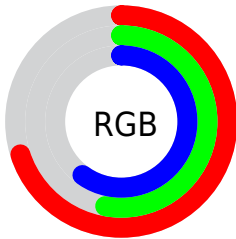
Format	Color
RYB	179, 134, 154
Decimal	11765402
CIELab	60.75, 20.43, -3.93
CIELCh	61, 20.807, 349.113
Yxy	28.9660, 0.3420, 0.3006
Android (android.graphics.Color)	4289955482 (0xFFB3869A)
YUV	149.7350, 2.1026, 25.6654
Hunter-Lab	53.8200, 15.1107, -0.2588

Details

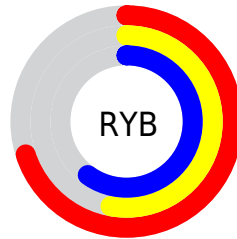
The YIQ color $149.7350, 20.4000, 15.7600$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $163.2650, -20.4000, -15.7600$, and the grayscale version is $150.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $203.7460, 21.8670, 16.7070$, and $98.7240, 18.9330, 14.8130$ is the 20% darker color. If you saturate the color by 10%, you get $138.0290, 28.5600, 22.0640$, and if you desaturate by 10%, it is $161.4410, 12.2400, 9.4560$.

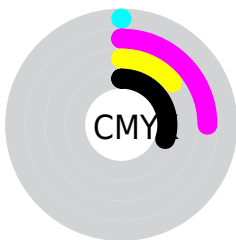
Distribution



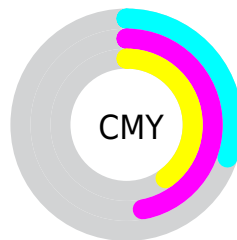
- Red (70%)
- Green (53%)
- Blue (60%)



- Red (70%)
- Yellow (53%)
- Blue (60%)



- Cyan (0%)
- Magenta (25%)
- Yellow (14%)
- Black (30%)




- Cyan (30%)
- Magenta (47%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 149.7350, 20.4000, 15.7600 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 149.7350, 20.4000, 15.7600 by changing the saturation by 10% instead.


 149.7350, 20.4000,
15.7600


 149.7350, 20.4000,
15.7600


255.0000, -0.0000,
-0.0000

 123.4360, 19.8040,
15.5480


 203.7460, 21.8670,
16.7070


 98.7240, 18.9330,
14.8130

 229.4680, 16.7780,
15.3220

 74.1260, 17.7410,
14.3890

 248.5430, 3.0250,
5.7530

 51.4140, 16.8700,
13.6540

 28.9300, 15.3570,
13.5410

 11.6480, 16.0910,
11.2510

 0.0000, 0.0000,

0.0000

■ 149.7350, 20.4000,
15.7600

■ 149.7350, 20.4000,
15.7600

■ 138.0290, 28.5600,
22.0640

■ 161.4410, 12.2400,
9.4560

■ 126.3230, 36.7200,
28.3680

■ 173.1470, 4.0800,
3.1520

■ 114.6170, 44.8800,
34.6720

■ 184.8530, -4.0800,
-3.1520

■ 102.9110, 53.0400,
40.9760

■ 196.5590,
-12.2400, -9.4560

■ 91.2050, 61.2000,
47.2800

■ 208.2650,
-20.4000, -15.7600

■ 80.0860, 69.0850,
53.0610

■ 219.3840,
-28.2850, -21.5410

■ 68.3800, 77.2450,
59.3650

■ 228.7420,
-35.3450, -25.7530

■ 62.6410, 81.0040,
62.8280

■ 229.8820,
-38.5550, -22.6430

■ 230.9080,
-41.4440, -19.8440

Harmonies

Analogous

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



149.5360, 4.9030, 15.7750



149.7350, 20.4000, 15.7600



149.0640, 29.4790, 10.9110

Triad

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



149.7350, 20.4000, 15.7600



144.4830, 11.2810, -11.7190



140.1230, -40.0710, -6.1750

Complementary

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



149.7350, 20.4000, 15.7600



163.2650, -20.4000, -15.7600

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.



138.5760, -37.2730, -12.8330



149.7350, 20.4000, 15.7600



142.2790, -5.8200, -15.6760

Square

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



149.7350, 20.4000, 15.7600



146.5280, 24.5760, -4.8640



139.9980, -24.0220, -16.1980



143.4820, -30.5360, 2.7440

Rectangle

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



149.7350, 20.4000, 15.7600



148.3860, 31.2680, 6.0200



139.9980, -24.0220, -16.1980



139.2430, -40.5290, -8.8890

Sweetspot

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



149.7350, 20.4000, 15.7600



219.7070, 8.4350, 6.8270



146.6050, 0.4550, 19.2950



109.8590, 4.9510, 3.8870



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



149.7350, 20.4000, 15.7600



186.4640, 31.7690, 24.4810



148.6290, 26.2700, 8.4940



83.1470, 4.0800, 3.1520



53.4990, 69.3600, 53.5840



9.0280, 11.9650, 8.9330

Inverse Universe

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



149.7350, 20.4000, 15.7600



186.4640, 31.7690, 24.4810



164.3710, -26.2700, -8.4940



83.1470, 4.0800, 3.1520



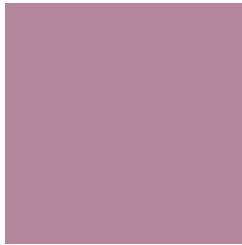
53.4990, 69.3600, 53.5840



9.0280, 11.9650, 8.9330

Previews

White Background



This preview shows how the YIQ color 149.7350, 20.4000, 15.7600 looks on a white background.

Color Contrast Check

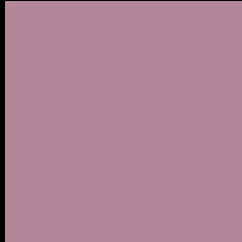
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.7350, 20.4000, 15.7600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

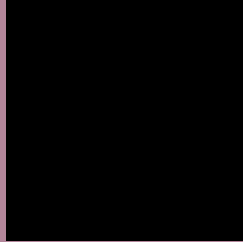
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 149.7350, 20.4000, 15.7600

Background



This preview shows how black text looks on a background with the YIQ color 149.7350, 20.4000, 15.7600.



This preview shows how white text looks on a background with the YIQ color 149.7350, 20.4000,

15.7600.

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

149.7350, 20.4000, 15.7600

Protanopia

147.4110, -5.4110, 4.4530

Deuteranopia

147.9240, 6.3260, 6.5020



Tritanopia

149.1110, 22.0970, 12.5370

Trichromacy



Original Color

149.7350, 20.4000, 15.7600

Protanomaly

148.3090, 3.8040, 8.1560

Deuteranomaly

148.6690, 11.5980, 10.0780

Tritanomaly

149.4530, 21.1340, 13.4700

Monochromacy



Original Color

149.7350, 20.4000, 15.7600

Achromatopsia

150.0000, -0.0000, -0.0000

Achromatomaly

149.8810, 7.8850, 5.7810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.7350, 20.4000, 15.7600 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(179, 134, 154)` looks like.

```
.text, #text, p{  
    color:rgb(179, 134, 154)  
}
```

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(179, 134, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 134, 154) }
```

Border

The CSS property to change the border of an element to YIQ 149.7350, 20.4000, 15.7600 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(179, 134, 154) }
```


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

```
.border{ border-color:rgb(179, 134, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 134, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 134, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 134, 154);  
box-shadow:4px 4px 4px 4px rgb(179, 134,  
154) }
```

Background

The CSS property to change the background color of an element to YIQ 149.7350, 20.4000, 15.7600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 134, 154) }
```

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

```
.background{ background-color: rgb(179,  
134, 154) }
```

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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