

Converting Colors

YIQ(146.7350, 20.4000, 15.7600)

Have a look what the booklet for
YIQ(146.7350, 20.4000, 15.7600)
contains.

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Color

**YIQ(146.7350, 20.4000,
15.7600)**

Conversions

Conversions Part 1

Format	Color
Hex	B08397
RGB	176, 131, 151
RGB Percent	69%, 51%, 59%
CMY	0.3097, 0.4863, 0.4078
CMYK	0.00, 0.26, 0.14, 0.31
HSL	333°, 22%, 60%
HSV	333°, 26%, 69%
XYZ	31.6124, 27.6961, 32.9650
YIQ	146.7350, 20.4000, 15.7600

Conversions

Conversions Part 2

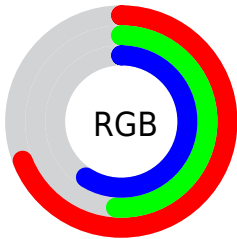
Format	Color
RYB	176, 131, 151
Decimal	11568023
CIELab	59.61, 20.51, -3.93
CIElCh	60, 20.879, 349.157
Yxy	27.6961, 0.3426, 0.3002
Android (android.graphics.Color)	4289758103 (0xFFB08397)
YUV	146.7350, 2.1026, 25.6654
Hunter-Lab	52.6271, 15.1253, -0.2996

Details

The YIQ color **146.7350, 20.4000, 15.7600** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **160.2650, -20.4000, -15.7600**, and the grayscale version is **147.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **200.7460, 21.8670, 16.7070**, and **95.7240, 18.9330, 14.8130** is the 20% darker color. If you saturate the color by 10%, you get **135.0290, 28.5600, 22.0640**, and if you desaturate by 10%, it is **158.4410, 12.2400, 9.4560**.

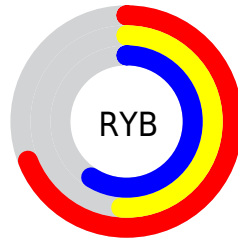
Distribution



Red (69%)

Green (51%)

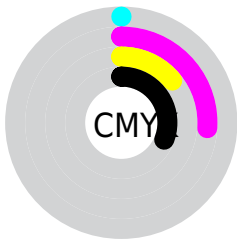
Blue (59%)



Red (69%)

Yellow (51%)

Blue (59%)

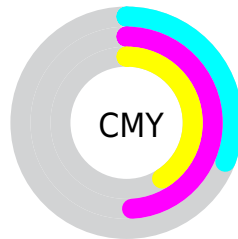


Cyan (0%)

Magenta (26%)

Yellow (14%)

Black (31%)



Cyan (31%)

Magenta (49%)

Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 146.7350, 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 146.7350, 20.4000, 15.7600 by changing the saturation by 10% instead.


 146.7350, 20.4000,
15.7600


 146.7350, 20.4000,
15.7600


255.0000, -0.0000,
-0.0000


 121.0230, 19.5290,
15.0250


 200.7460, 21.8670,
16.7070


 95.7240, 18.9330,
14.8130


 227.2510, 18.8870,
15.6470

 71.7130, 17.4660,
13.8660

 246.7820, 3.8500,
7.3220

 48.5280, 16.5490,
13.9650

 26.5170, 15.0820,
13.0180

 10.2950, 15.5870,
9.3710

 0.0000, 0.0000,

0.0000

■ 146.7350, 20.4000,
15.7600

■ 146.7350, 20.4000,
15.7600

■ 135.0290, 28.5600,
22.0640

■ 158.4410, 12.2400,
9.4560

■ 123.9100, 36.4450,
27.8450

■ 169.5600, 4.3550,
3.6750

■ 112.3180, 44.2840,
34.4600

■ 181.1520, -3.4840,
-2.9400

■ 101.1990, 52.1690,
40.2410

■ 192.2710,
-11.3690, -8.7210

■ 89.4930, 60.3290,
46.5450

■ 203.9770,
-19.5290, -15.0250

■ 77.7870, 68.4890,
52.8490

■ 215.6830,
-27.6890, -21.3290

■ 66.7820, 76.0530,
58.9410

■ 226.6880,
-35.2530, -27.4210

■ 61.5160, 79.8580,
61.5700

■ 228.4150,
-38.7380, -24.8340

■ 229.5550,
-41.9480, -21.7240

Harmonies

Analogous

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



146.5360, 4.9030, 15.7750



146.7350, 20.4000, 15.7600



146.0640, 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.



146.7350, 20.4000, 15.7600



141.4830, 11.2810, -11.7190



136.8240, -40.6670, -6.3870

Complementary

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



146.7350, 20.4000, 15.7600



160.2650, -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.



135.5760, -37.2730, -12.8330



146.7350, 20.4000, 15.7600



139.2790, -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.



146.7350, 20.4000, 15.7600



143.2290, 23.9800, -5.0760



136.9980, -24.0220, -16.1980



140.4820, -30.5360, 2.7440

Rectangle

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



146.7350, 20.4000, 15.7600



145.3860, 31.2680, 6.0200



136.9980, -24.0220, -16.1980



135.9440, -41.1250, -9.1010

Sweetspot

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



146.7350, 20.4000, 15.7600



217.5930, 8.7560, 6.5160



143.6050, 0.4550, 19.2950



107.1580, 5.5470, 4.0990



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



146.7350, 20.4000, 15.7600



183.1760, 32.6400, 25.2160



145.6290, 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.



146.7350, 20.4000, 15.7600



183.1760, 32.6400, 25.2160



161.3710, -26.2700, -8.4940



83.1470, 4.0800, 3.1520



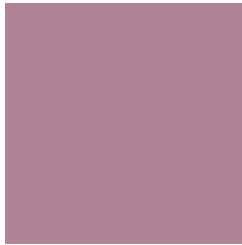
53.4990, 69.3600, 53.5840



9.0280, 11.9650, 8.9330

Previews

White Background



This preview shows how the YIQ color 146.7350, 20.4000, 15.7600 looks on a white background.

Color Contrast Check

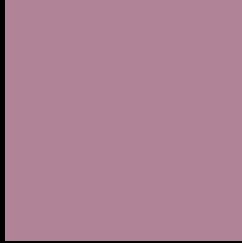
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.7350, 20.4000, 15.7600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

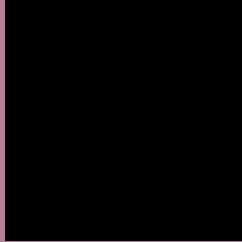
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 146.7350, 20.4000, 15.7600

Background



This preview shows how black text looks on a background with the YIQ color 146.7350, 20.4000, 15.7600.



This preview shows how white text looks on a background with the YIQ color 146.7350, 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

146.7350, 20.4000, 15.7600

Protanopia

144.4110, -5.4110, 4.4530

Deuteranopia

145.5110, 6.0510, 5.9790



Tritanopia

146.1110, 22.0970, 12.5370

Trichromacy



Original Color

146.7350, 20.4000, 15.7600

Protanomaly

145.3090, 3.8040, 8.1560

Deuteranomaly

146.2560, 11.3230, 9.5550

Tritanomaly

146.4530, 21.1340, 13.4700

Monochromacy



Original Color

146.7350, 20.4000, 15.7600

Achromatopsia

147.0000, -0.0000, 0.0000

Achromatomaly

146.8810, 7.8850, 5.7810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.7350, 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(176, 131, 151)` looks like.

```
.text, #text, p{  
    color:rgb(176, 131, 151)  
}
```

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(176, 131, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 131, 151) }
```

Border

The CSS property to change the border of an element to YIQ 146.7350, 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(176, 131, 151) }
```


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

```
.border{ border-color:rgb(176, 131, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 131, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 131, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 131, 151);  
box-shadow:4px 4px 4px 4px rgb(176, 131,  
151) }
```

Background

The CSS property to change the background color of an element to YIQ 146.7350, 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(176, 131, 151) }
```

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

```
.background{ background-color: rgb(176,  
131, 151) }
```

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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