

Converting Colors

YIQ(140.0230, 19.5290, 15.0250)

Have a look what the booklet for
YIQ(140.0230, 19.5290, 15.0250)
contains.

YIQ(140.0230, 19.5290, 15.0250)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(140.0230, 19.5290,
15.0250)**

Conversions

Conversions Part 1

Format	Color
Hex	A87D90
RGB	168, 125, 144
RGB Percent	66%, 49%, 56%
CMY	0.3411, 0.5099, 0.4352
CMYK	0.00, 0.26, 0.14, 0.34
HSL	333°, 20%, 57%
HSV	333°, 26%, 66%
XYZ	28.5212, 25.0048, 29.7151
YIQ	140.0230, 19.5290, 15.0250

Conversions

Conversions Part 2

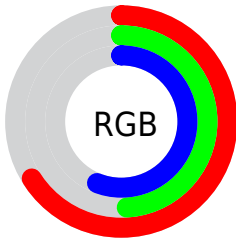
Format	Color
R _Y B	168, 125, 144
Decimal	11042192
CIE Lab	57.08, 19.74, -3.73
CIE LCh	57, 20.093, 349.306
Yxy	25.0048, 0.3426, 0.3004
Android (android.graphics.Color)	4289232272 (0xFFA87D90)
YUV	140.0230, 1.9607, 24.5358
Hunter-Lab	50.0048, 14.3027, -0.2295

Details

The YIQ color **140.0230, 19.5290, 15.0250** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **152.9770, -19.5290, -15.0250**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.0340, 20.9960, 15.9720**, and **89.7130, 17.4660, 13.8660** is the 20% darker color. If you saturate the color by 10%, you get **129.0180, 27.0930, 21.1170**, and if you desaturate by 10%, it is **151.0280, 11.9650, 8.9330**.

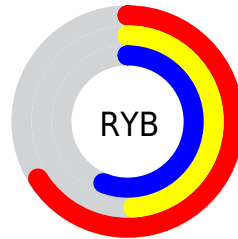
Distribution



Red (66%)

Green (49%)

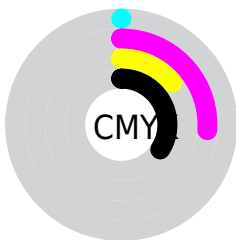
Blue (56%)



Red (66%)

Yellow (49%)

Blue (56%)

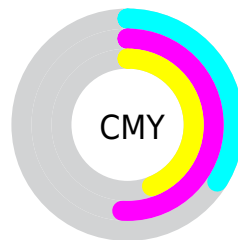


Cyan (0%)

Magenta (26%)

Yellow (14%)

Black (34%)



Cyan (34%)


Magenta (51%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 140.0230, 19.5290, 15.0250 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 140.0230, 19.5290, 15.0250 by changing the saturation by 10% instead.


 140.0230, 19.5290,
15.0250

 140.0230, 19.5290,
15.0250


255.0000, -0.0000,
-0.0000

 114.3110, 18.6580,
14.2900


 194.0340, 20.9960,
15.9720


 89.7130, 17.4660,
13.8660


 221.7460, 21.8670,
16.7070

 65.4140, 16.8700,
13.6540

 242.5590, 6.0960,
10.6720

 42.8160, 15.6780,
13.2300

 21.2180, 14.4860,
12.8060

 5.0830, 10.1320,
3.6040

 0.0000, 0.0000,

0.0000

140.0230, 19.5290,
15.0250

140.0230, 19.5290,
15.0250

129.0180, 27.0930,
21.1170

151.0280, 11.9650,
8.9330

117.8990, 34.9780,
26.8980

162.1470, 4.0800,
3.1520

107.4810, 42.2670,
32.4670

172.5650, -3.2090,
-2.4170

96.4760, 49.8310,
38.5590

183.6840,
-11.0940, -8.1980

85.3570, 57.7160,
44.3400

194.6890,
-18.6580, -14.2900

74.3520, 65.2800,
50.4320

205.6940,
-26.2220, -20.3820

■ 63.2330, 73.1650,
56.2130

■ 216.8130,
-34.1070, -26.1630

■ 58.6680, 76.3740,
58.6300

■ 224.8830,
-40.2960, -29.6400

■ 225.9090,
-43.1850, -26.8410

Harmonies

Analogous

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



139.7100, 4.3530, 14.7290



140.0230, 19.5290, 15.0250



139.4660, 28.2870, 10.4870

Triad

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



140.0230, 19.5290, 15.0250



134.7110, 10.6390, -11.0970



130.6070, -38.5580, -6.0620

Complementary

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



140.0230, 19.5290, 15.0250



152.9770, -19.5290, -15.0250

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.



129.4730, -35.4850, -12.1970



140.0230, 19.5290, 15.0250



132.8060, -5.8660, -14.8420

Square

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



140.0230, 19.5290, 15.0250



137.0440, 23.0630, -4.9770



130.7100, -23.1510, -15.4630



134.5530, -29.2980, 2.3340

Rectangle

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



140.0230, 19.5290, 15.0250



138.9020, 29.7550, 5.9070



130.7100, -23.1510, -15.4630



129.8410, -39.3370, -8.4650

Sweetspot

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



140.0230, 19.5290, 15.0250



207.9950, 7.5640, 6.0920



137.0780, 0.5010, 18.4610



102.8590, 4.9510, 3.8870



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



140.0230, 19.5290, 15.0250



174.7520, 30.8980, 23.7460



139.0310, 25.0780, 8.0700



78.7340, 3.8050, 2.6290



51.6620, 67.3430, 51.5910



7.0060, 9.0310, 7.0390

Inverse Universe

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



140.0230, 19.5290, 15.0250



174.7520, 30.8980, 23.7460



153.9690, -25.0780, -8.0700



78.7340, 3.8050, 2.6290



51.6620, 67.3430, 51.5910



7.0060, 9.0310, 7.0390

Previews

White Background



This preview shows how the YIQ color 140.0230, 19.5290, 15.0250 looks on a white background.

Color Contrast Check

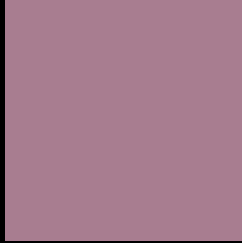
Large Text (above 18pt) WCAG AA ✓ Pass

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 140.0230, 19.5290, 15.0250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

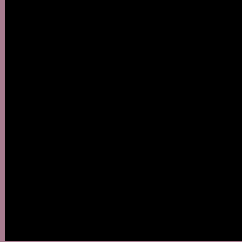
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 140.0230, 19.5290, 15.0250

Background



This preview shows how black text looks on a background with the YIQ color 140.0230, 19.5290, 15.0250.



This preview shows how white text looks on a background with the YIQ color 140.0230, 19.5290,

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

140.0230, 19.5290, 15.0250

Protanopia

137.7100, -4.8150, 4.6650

Deuteranopia

138.5110, 6.0510, 5.9790



Tritanopia

139.3990, 21.2260, 11.8020

Trichromacy



Original Color

140.0230, 19.5290, 15.0250

Protanomaly

138.6080, 4.4000, 8.3680

Deuteranomaly

138.9570, 10.7270, 9.3430

Tritanomaly

139.7410, 20.2630, 12.7350

Monochromacy



Original Color

140.0230, 19.5290, 15.0250

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

140.1690, 7.0140, 5.0460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 140.0230, 19.5290, 15.0250 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(168, 125, 144)` looks like.

```
.text, #text, p{  
    color:rgb(168, 125, 144)  
}
```

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(168, 125, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 125, 144) }
```

Border

The CSS property to change the border of an element to YIQ 140.0230, 19.5290, 15.0250 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(168, 125, 144) }
```


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

```
.border{ border-color:rgb(168, 125, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 125, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 125, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 125, 144);  
box-shadow:4px 4px 4px 4px rgb(168, 125,  
144) }
```

Background

The CSS property to change the background color of an element to YIQ 140.0230, 19.5290, 15.0250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 125, 144) }
```

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

```
.background{ background-color: rgb(168,  
125, 144) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor