

Converting Colors

YIQ(137.3430, 41.9950, 15.3630)

Have a look what the booklet for
YIQ(137.3430, 41.9950, 15.3630)
contains.

YIQ(137.3430, 41.9950, 15.3630)	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(137.3430, 41.9950,
15.3630)**

Conversions

Conversions Part 1

Format	Color
Hex	BB7475
RGB	187, 116, 117
RGB Percent	73%, 45%, 46%
CMY	0.2665, 0.5452, 0.5410
CMYK	0.00, 0.38, 0.37, 0.27
HSL	359°, 34%, 59%
HSV	359°, 38%, 73%
XYZ	29.9594, 24.3395, 19.9616
YIQ	137.3430, 41.9950, 15.3630

Conversions

Conversions Part 2

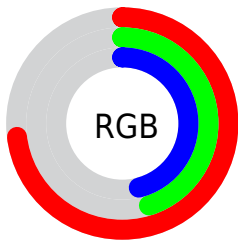
Format	Color
R_{YB}	187, 116, 117
Decimal	12285045
CIE _{Lab}	56.43, 28.10, 11.26
CIE _{LCh}	56, 30.268, 21.831
Yxy	24.3395, 0.4034, 0.3278
Android (android.graphics.Color)	4290475125 (0xFFBB7475)
YUV	137.3430, -10.0291, 43.5492
Hunter-Lab	49.3351, 22.0602, 10.5450

Details

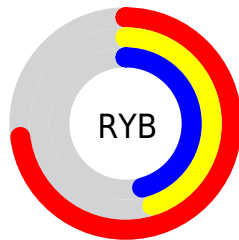
The YIQ color **137.3430, 41.9950, 15.3630** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **165.6570, -41.9950, -15.3630**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **191.7240, 45.2960, 16.1120**, and **85.7770, 37.7770, 14.7130** is the 20% darker color. If you saturate the color by 10%, you get **124.1380, 52.9980, 19.7020**, and if you desaturate by 10%, it is **150.5480, 30.9920, 11.0240**.

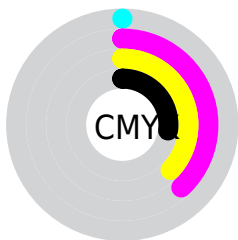
Distribution



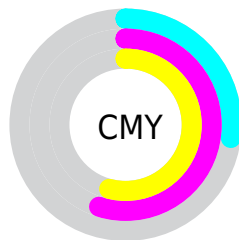
- Red (73%)
- Green (45%)
- Blue (46%)



- Red (73%)
- Yellow (45%)
- Blue (46%)



- Cyan (0%)
- Magenta (38%)
- Yellow (37%)
- Black (27%)




- Cyan (27%)
- Magenta (55%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 137.3430, 41.9950, 15.3630 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 137.3430, 41.9950, 15.3630 by changing the saturation by 10% instead.


 137.3430, 41.9950,
15.3630


 137.3430, 41.9950,
15.3630


255.0000, -0.0000,
-0.0000


 111.4460, 40.2070,
14.7270


 191.7240, 45.2960,
16.1120


 85.7770, 37.7770,
14.7130


 213.6410, 35.1640,
12.5080


 61.9940, 35.6680,
14.3880

 233.8560, 18.2010,
6.0490

 37.4390, 32.9170,
14.6850

 253.5980, 1.1920,
0.4240

 16.1460, 32.1840,
11.4480

 7.8880, 15.1750,
5.8230

 0.0000, 0.0000,

0.0000

■ 137.3430, 41.9950,
15.3630

■ 137.3430, 41.9950,
15.3630

■ 124.1380, 52.9980,
19.7020

■ 150.5480, 30.9920,
11.0240

■ 111.4060, 64.0470,
23.2070

■ 163.2800, 19.9430,
7.5190

■ 98.2010, 75.0500,
27.5460

■ 176.4850, 8.9400,
3.1800

■ 84.8820, 86.3740,
31.5740

■ 189.8040, -2.3840,
-0.8480

■ 71.6770, 97.3770,
35.9130

■ 202.4220,
-13.1120, -4.6640

■ 59.0590, 108.1050,
39.7290

■ 215.7410,
-24.4360, -8.6920

■ 56.2550, 110.4890,
40.5770

■ 228.9460,
-35.4390, -13.0310

■ 234.6680,
-40.5280, -14.4160

Harmonies

Analogous

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



138.9260, 30.3480, 22.7000



137.3430, 41.9950, 15.3630



135.9650, 42.6390, 3.6870

Triad

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



137.3430, 41.9950, 15.3630



128.1270, -11.5040, -22.8000



129.2120, -47.2710, 3.1690

Complementary

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



137.3430, 41.9950, 15.3630



165.6570, -41.9950, -15.3630

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.



118.9220, -70.4220, -12.2940



137.3430, 41.9950, 15.3630



122.8710, -40.0220, -23.5900

Square

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



137.3430, 41.9950, 15.3630



131.7510, 13.1620, -18.2780



116.3810, -67.7610, -21.9770



136.1450, -18.8010, 15.8470

Rectangle

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



137.3430, 41.9950, 15.3630



134.8730, 36.7260, -4.7940



116.3810, -67.7610, -21.9770



126.2600, -56.3940, -2.2020

Sweetspot

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



137.3430, 41.9950, 15.3630



223.7740, 15.4960, 5.5120



145.0240, 18.9290, 36.9210



110.8980, 9.2150, 3.7030



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



137.3430, 41.9950, 15.3630



164.3030, 65.8350, 23.8430



157.1870, 32.9660, -2.7300



87.6910, 5.3640, 1.9080



47.4700, 93.5260, 34.1180



9.2690, 18.4760, 6.5720

Inverse Universe

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



137.3430, 41.9950, 15.3630



164.3030, 65.8350, 23.8430



145.8130, -32.9660, 2.7300



87.6910, 5.3640, 1.9080



47.4700, 93.5260, 34.1180



9.2690, 18.4760, 6.5720

Previews

White Background



This preview shows how the YIQ color 137.3430, 41.9950, 15.3630 looks on a white background.

Color Contrast Check

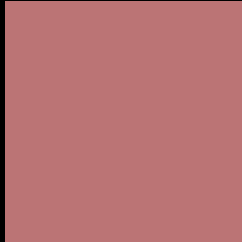
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.3430, 41.9950, 15.3630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

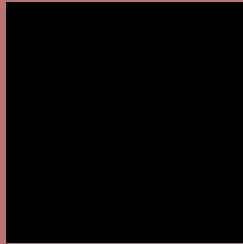
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 137.3430, 41.9950, 15.3630

Background



This preview shows how black text looks on a background with the YIQ color 137.3430, 41.9950, 15.3630.



This preview shows how white text looks on a background with the YIQ color 137.3430, 41.9950,

15.3630.

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

137.3430, 41.9950, 15.3630

Protanopia

135.5830, 5.5480, -1.4280

Deuteranopia

136.5370, 20.3570, 0.0130



Tritanopia

137.8530, 40.6190, 18.2750

Trichromacy



Original Color

137.3430, 41.9950, 15.3630

Protanomaly

136.1010, 18.8890, 4.5930

Deuteranomaly

137.0050, 27.9670, 5.2710

Tritanomaly

137.5110, 41.5820, 17.3420

Monochromacy



Original Color

137.3430, 41.9950, 15.3630

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

136.8880, 15.1750, 5.8230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.3430, 41.9950, 15.3630 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(187, 116, 117)` looks like.

```
.text, #text, p{  
    color:rgb(187, 116, 117)  
}
```

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(187, 116, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 116, 117) }
```

Border

The CSS property to change the border of an element to YIQ 137.3430, 41.9950, 15.3630 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(187, 116, 117) }
```


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

```
.border{ border-color:rgb(187, 116, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 116, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 116, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 116, 117); box-shadow:4px 4px 4px 4px rgb(187, 116, 117) }
```

Background

The CSS property to change the background color of an element to YIQ 137.3430, 41.9950, 15.3630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 116, 117) }
```

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

```
.background{ background-color: rgb(187,  
116, 117) }
```

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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