

Converting Colors

YIQ(170.2490, 4.0330, 9.5130)

Have a look what the booklet for
YIQ(170.2490, 4.0330, 9.5130)
contains.

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Color

**YIQ(170.2490, 4.0330,
9.5130)**

Conversions

Conversions Part 1

Format	Color
Hex	B4A3B6
RGB	180, 163, 182
RGB Percent	71%, 64%, 71%
CMY	0.2941, 0.3608, 0.2863
CMYK	0.01, 0.10, 0.00, 0.29
HSL	294°, 12%, 68%
HSV	294°, 10%, 71%
XYZ	40.3650, 39.2742, 49.7094
YIQ	170.2490, 4.0330, 9.5130

Conversions

Conversions Part 2

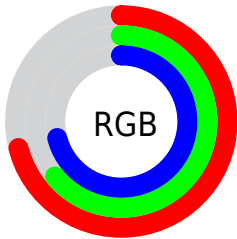
Format	Color
RYB	180, 163, 182
Decimal	11838390
CIELab	68.95, 9.67, -7.54
CIELCh	69, 12.259, 322.067
Yxy	39.2742, 0.3121, 0.3036
Android (android.graphics.Color)	4290028470 (0xFFB4A3B6)
YUV	170.2490, 5.7932, 8.5516
Hunter-Lab	62.6691, 5.3003, -3.1607

Details

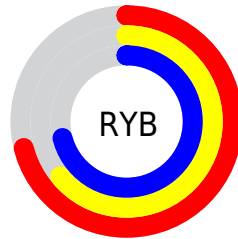
The YIQ color **170.2490, 4.0330, 9.5130** is a light color, and the websafe version is hex **999999**. A complement of this color would be **174.7510, -4.0330, -9.5130**, and the grayscale version is **170.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **225.6620, 4.3080, 10.0360**, and **117.8360, 3.7580, 8.9900** is the 20% darker color. If you saturate the color by 10%, you get **159.0850, 7.7910, 18.5030**, and if you desaturate by 10%, it is **181.4130, 0.2750, 0.5230**.

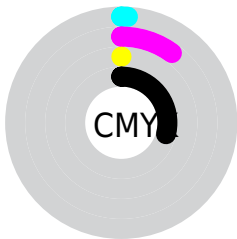
Distribution



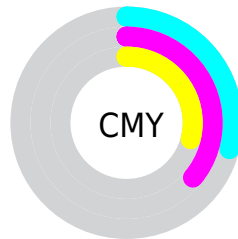
- Red (71%)
- Green (64%)
- Blue (71%)



- Red (71%)
- Yellow (64%)
- Blue (71%)



- Cyan (1%)
- Magenta (10%)
- Yellow (0%)
- Black (29%)



- Cyan (29%)
- Magenta (36%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 170.2490, 4.0330, 9.5130 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 170.2490, 4.0330, 9.5130 by changing the saturation by 10% instead.

■ 170.2490, 4.0330,
9.5130

■ 170.2490, 4.0330,
9.5130

255.0000, -0.0000,
-0.0000

■ 143.8360, 3.7580,
8.9900

■ 225.6620, 4.3080,
10.0360

■ 117.8360, 3.7580,
8.9900

■ 249.7170, 2.4750,
4.7070

■ 93.4230, 3.4830,
8.4670

■ 70.0100, 3.2080,
7.9440

■ 47.5970, 2.9330,
7.4210

■ 26.5970, 2.9330,
7.4210

■ 3.6890, -0.3220,

5.8380

0.0000, 0.0000,
0.0000

170.2490, 4.0330,
9.5130

170.2490, 4.0330,
9.5130

159.0850, 7.7910,
18.5030

181.4130, 0.2750,
0.5230

147.9210, 11.5490,
27.4930

192.5770, -3.4830,
-8.4670

136.1700, 15.5820,
37.0060

204.3280, -7.5160,
-17.9800

125.0060, 19.3400,
45.9960

215.4920,
-11.2740, -26.9700

114.1410, 23.6940,
55.1980

226.6560,
-15.0320, -35.9600

■ 102.9770, 27.4520,
64.1880

■ 227.5420,
-14.7110, -36.2710

■ 91.8130, 31.2100,
73.1780

■ 228.1400,
-13.5190, -35.8470

■ 80.0620, 35.2430,
82.6910

■ 228.7380,
-12.3270, -35.4230

■ 69.4850, 38.7260,
91.1580

■ 229.3360,
-11.1350, -34.9990

Harmonies

Analogous

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



168.9210, -6.7870, 7.3650



170.2490, 4.0330, 9.5130



170.6260, 13.1570, 9.3570

Triad

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



170.2490, 4.0330, 9.5130



168.0200, 14.4430, -2.9410



164.6490, -21.1810, -7.1090

Complementary

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



170.2490, 4.0330, 9.5130



174.7510, -4.0330, -9.5130

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.



164.8900, -14.6700, -9.4700



170.2490, 4.0330, 9.5130



166.8940, 5.8700, -7.2660

Square

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



170.2490, 4.0330, 9.5130



169.4060, 19.3480, 1.7800



165.7510, -4.0330, -9.5130



165.3980, -21.7320, -2.6280

Rectangle

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



170.2490, 4.0330, 9.5130



170.6110, 17.5130, 7.5050



165.7510, -4.0330, -9.5130



164.4920, -19.3010, -8.1410

Sweetspot

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



170.2490, 4.0330, 9.5130



232.5920, 1.3290, 3.4490



166.3400, -6.6490, 4.8630



116.7660, 0.7790, 2.4030



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



170.2490, 4.0330, 9.5130



217.9060, 6.7370, 15.5770



170.0490, 7.4720, 7.7600



86.4180, 1.8790, 4.4950



59.3450, 32.7680, 77.9840



10.6670, 5.9120, 14.0080

Inverse Universe

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



168.9090, 10.6820, 4.6500



215.7250, 17.1920, 7.8160



174.9510, -7.4720, -7.7600



85.8050, 5.0430, 2.2190



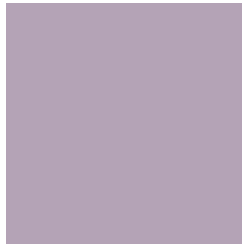
48.4680, 87.8400, 38.0480



8.7140, 15.7250, 6.8690

Previews

White Background



This preview shows how the YIQ color 170.2490, 4.0330, 9.5130 looks on a white background.

Color Contrast Check

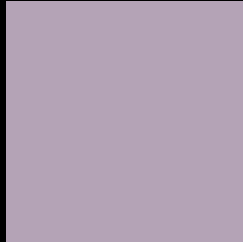
Large Text (above 18pt) WCAG AA × Fail

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 170.2490, 4.0330, 9.5130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

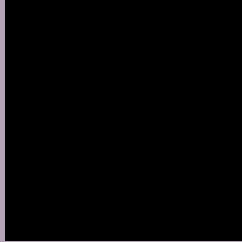
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 170.2490, 4.0330, 9.5130

Background



This preview shows how black text looks on a background with the YIQ color 170.2490, 4.0330, 9.5130.



This preview shows how white text looks on a background with the YIQ color 170.2490, 4.0330,

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

170.2490, 4.0330, 9.5130

Protanopia

169.0520, -5.7780, 5.5980

Deuteranopia

170.2380, 2.5660, 8.5660



Tritanopia

169.9670, 4.7670, 7.2230

Trichromacy



Original Color

170.2490, 4.0330, 9.5130

Protanomaly

169.8460, -2.2020, 6.8700

Deuteranomaly

170.5370, 3.1620, 8.7780

Tritanomaly

170.1950, 4.1250, 7.8450

Monochromacy



Original Color

170.2490, 4.0330, 9.5130

Achromatopsia

170.0000, -0.0000, 0.0000

Achromatomaly

169.8910, 1.9250, 3.6610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.2490, 4.0330, 9.5130 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(180, 163, 182)` looks like.

```
.text, #text, p{  
    color:rgb(180, 163, 182)  
}
```

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(180, 163, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 163, 182) }
```

Border

The CSS property to change the border of an element to YIQ 170.2490, 4.0330, 9.5130 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(180, 163, 182) }
```


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

```
.border{ border-color:rgb(180, 163, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 163, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 163, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 163, 182);  
box-shadow:4px 4px 4px 4px rgb(180, 163,  
182) }
```

Background

The CSS property to change the background color of an element to YIQ 170.2490, 4.0330, 9.5130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 163, 182) }
```

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

```
.background{ background-color: rgb(180,  
163, 182) }
```

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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