

Converting Colors

YIQ(143.4830, 4.3950, 36.0030)

Have a look what the booklet for
YIQ(143.4830, 4.3950, 36.0030)
contains.

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Color

**YIQ(143.4830, 4.3950,
36.0030)**

Conversions

Conversions Part 1

Format	Color
Hex	AA77C8
RGB	170, 119, 200
RGB Percent	67%, 47%, 78%
CMY	0.3332, 0.5334, 0.2157
CMYK	0.15, 0.41, 0.00, 0.22
HSL	278°, 42%, 63%
HSV	278°, 41%, 78%
XYZ	33.6053, 25.9091, 57.8663
YIQ	143.4830, 4.3950, 36.0030

Conversions

Conversions Part 2

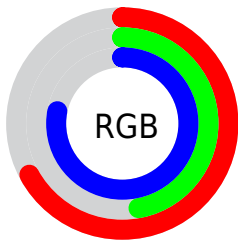
Format	Color
RYB	170, 119, 200
Decimal	11171784
CIELab	57.95, 34.80, -34.50
CIElCh	58, 49.006, 315.252
Yxy	25.9091, 0.2863, 0.2207
Android (android.graphics.Color)	4289361864 (0xFFAA77C8)
YUV	143.4830, 27.8629, 23.2554
Hunter-Lab	50.9010, 28.7706, -31.7725

Details

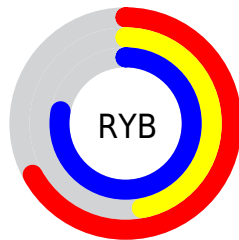
The YIQ color **143.4830, 4.3950, 36.0030** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **175.5170, -4.3950, -36.0030**, and the grayscale version is **143.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **197.6080, 5.5410, 37.2610**, and **91.8310, 3.2950, 33.9110** is the 20% darker color. If you saturate the color by 10%, you get **129.6500, 5.7230, 44.9790**, and if you desaturate by 10%, it is **157.3160, 3.0670, 27.0270**.

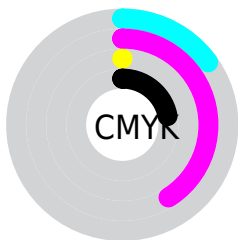
Distribution



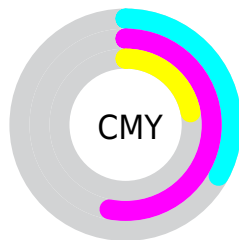
- Red (67%)
- Green (47%)
- Blue (78%)



- Red (67%)
- Yellow (47%)
- Blue (78%)



- Cyan (15%)
- Magenta (41%)
- Yellow (0%)
- Black (22%)



- Cyan (33%)
- Magenta (53%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 143.4830, 4.3950, 36.0030 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 143.4830, 4.3950, 36.0030 by changing the saturation by 10% instead.

■ 143.4830, 4.3950,
36.0030

■ 143.4830, 4.3950,
36.0030

■ 255.0000, -0.0000,
-0.0000

■ 117.5430, 4.1660,
34.6460

■ 197.6080, 5.5410,
37.2610

■ 91.8310, 3.2950,
33.9110

■ 222.7150, 15.1250,
28.7650

■ 67.0050, 2.7450,
32.8650

■ 239.1510, 7.4250,
14.1210

■ 43.1790, 2.1950,
31.8190

■ 20.2390, 1.9660,
30.4620

■ 11.4520, -3.4880,
19.1680

■ 3.5510, -8.6210,

7.5630

■ 0.0000, 0.0000,
0.0000

■ 143.4830, 4.3950,
36.0030

■ 143.4830, 4.3950,
36.0030

■ 129.6500, 5.7230,
44.9790

■ 157.3160, 3.0670,
27.0270

■ 115.5180, 6.4550,
53.7430

■ 171.4480, 2.3350,
18.2630

■ 101.6850, 7.7830,
62.7190

■ 185.2810, 1.0070,
9.2870

■ 87.5530, 8.5150,
71.4830

■ 199.4130, 0.2750,
0.5230

■ 73.7200, 9.8430,
80.4590

■ 213.2460, -1.0530,
-8.4530

60.4740, 10.8960,
88.9120

227.0790, -2.3810,
-17.4290

238.8630, -2.0130,
-24.1010

240.9560, 2.1590,
-22.6170

243.3480, 6.9270,
-20.9210

Harmonies

Analogous

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



136.2360, -46.6780, 19.9620



143.4830, 4.3950, 36.0030



141.9960, 42.4950, 39.3510

Triad

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



143.4830, 4.3950, 36.0030



135.9980, 55.0670, -12.3010



112.7470, -95.6350, -34.4430

Complementary

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



143.4830, 4.3950, 36.0030



175.5170, -4.3950, -36.0030

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.



106.5570, -80.9610, -47.0810



143.4830, 4.3950, 36.0030



132.8000, 28.6610, -29.3470

Square

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



143.4830, 4.3950, 36.0030



137.6430, 67.2130, 9.8770



127.1680, -10.7220, -36.9780



115.4320, -107.3290, -20.7450

Rectangle

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



143.4830, 4.3950, 36.0030



139.6310, 59.4600, 34.7560



127.1680, -10.7220, -36.9780



111.1510, -91.1410, -38.7970

Sweetspot

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



143.4830, 4.3950, 36.0030



233.5140, 1.9690, 13.8810



146.4310, -34.5260, 8.9780



115.3410, 0.7780, 7.9300



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



143.4830, 4.3950, 36.0030



167.8710, 6.9590, 55.6230



151.4270, 25.1640, 39.5640



92.8200, 0.6870, 4.0710



49.3790, 9.0650, 72.5290



10.9810, 2.1520, 16.0720

Inverse Universe

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



146.6390, 38.6460, 26.5020



172.6190, 59.7340, 40.8060



167.5730, -25.1640, -39.5640



93.0330, 4.4010, 2.8410



55.5770, 77.8880, 53.2160



12.2460, 17.2830, 11.6750

Previews

White Background



This preview shows how the YIQ color 143.4830, 4.3950, 36.0030 looks on a white background.

Color Contrast Check

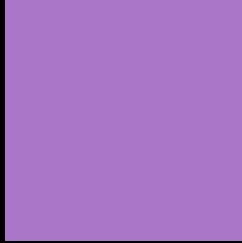
Large Text (above 18pt) WCAG AA ✓ Pass

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 143.4830, 4.3950, 36.0030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

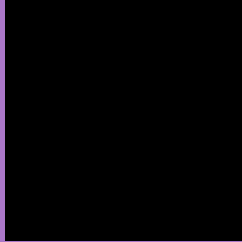
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 143.4830, 4.3950, 36.0030

Background



This preview shows how black text looks on a background with the YIQ color 143.4830, 4.3950, 36.0030.



This preview shows how white text looks on a background with the YIQ color 143.4830, 4.3950,

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

143.4830, 4.3950, 36.0030

Protanopia

138.1180, -40.5340, 18.7460

Deuteranopia

138.9310, -29.9420, 14.0100



Tritanopia

141.8110, 14.0740, 9.2580

Trichromacy



Original Color

143.4830, 4.3950, 36.0030

Protanomaly

139.7180, -24.4880, 25.3040

Deuteranomaly

140.6170, -17.0140, 22.0100

Tritanomaly

142.1670, 10.4960, 19.0400

Monochromacy



Original Color

143.4830, 4.3950, 36.0030

Achromatopsia

143.0000, -0.0000, 0.0000

Achromatomaly

143.1010, 1.6940, 13.3580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 143.4830, 4.3950, 36.0030 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(170, 119, 200)` looks like.

```
.text, #text, p{  
    color:rgb(170, 119, 200)  
}
```

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(170, 119, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 119, 200) }
```

Border

The CSS property to change the border of an element to YIQ 143.4830, 4.3950, 36.0030 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(170, 119, 200) }
```


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

```
.border{ border-color:rgb(170, 119, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 119, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 119, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 119, 200);  
box-shadow:4px 4px 4px 4px rgb(170, 119,  
200) }
```

Background

The CSS property to change the background color of an element to YIQ 143.4830, 4.3950, 36.0030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 119, 200) }
```

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

```
.background{ background-color: rgb(170,  
119, 200) }
```

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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