

Converting Colors

YIQ(43.9040, 1.0510, 19.5070)

Have a look what the booklet for
YIQ(43.9040, 1.0510, 19.5070)
contains.

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Color

**YIQ(43.9040, 1.0510,
19.5070)**

Conversions

Conversions Part 1

Format	Color
Hex	391F4C
RGB	57, 31, 76
RGB Percent	22%, 12%, 30%
CMY	0.7764, 0.8785, 0.7020
CMYK	0.25, 0.59, 0.00, 0.70
HSL	275°, 42%, 21%
HSV	275°, 59%, 30%
XYZ	3.4826, 2.3716, 7.1103
YIQ	43.9040, 1.0510, 19.5070

Conversions

Conversions Part 2

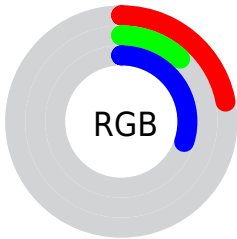
Format	Color
R_{YB}	57, 31, 76
Decimal	3743564
CIE _{Lab}	17.33, 22.42, -23.08
CIE _{LCh}	17, 32.172, 314.167
Yxy	2.3716, 0.2686, 0.1829
Android (android.graphics.Color)	4281933644 (0xFF391F4C)
YUV	43.9040, 15.8233, 11.4852
Hunter-Lab	15.4001, 13.4159, -16.5943

Details

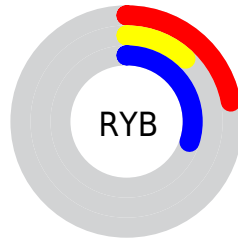
The YIQ color **43.9040, 1.0510, 19.5070** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **63.0960, -1.0510, -19.5070**, and the grayscale version is **44.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **90.5560, 2.1510, 21.5990**, and **5.7410, -6.1000, 11.4360** is the 20% darker color. If you saturate the color by 10%, you get **38.3110, 1.4630, 23.0550**, and if you desaturate by 10%, it is **49.4970, 0.6390, 15.9590**.

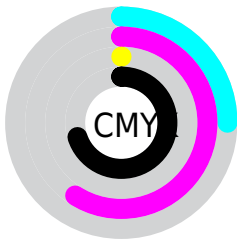
Distribution



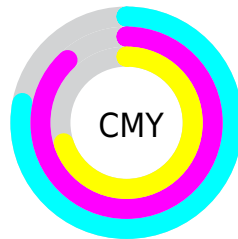
- Red (22%)
- Green (12%)
- Blue (30%)



- Red (22%)
- Yellow (12%)
- Blue (30%)



- Cyan (25%)
- Magenta (59%)
- Yellow (0%)
- Black (70%)



- Cyan (78%)
- Magenta (88%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 43.9040, 1.0510, 19.5070 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 43.9040, 1.0510, 19.5070 by changing the saturation by 10% instead.

43.9040, 1.0510,
19.5070

43.9040, 1.0510,
19.5070

255.0000, -0.0000,
-0.0000

22.0780, 0.5010,
18.4610

90.5560, 2.1510,
21.5990

5.7410, -6.1000,
11.4360

115.0830, 2.1050,
22.4330

0.3420, -0.9630,
0.9330

141.4960, 2.3800,
22.9560

0.0000, 0.0000,
0.0000

168.0230, 2.3340,
23.7900

194.8490, 2.8840,
24.8360


222.0510, 5.1310,

22.6590


 242.6730, 5.7750,
10.9830


 43.9040, 1.0510,
19.5070


 43.9040, 1.0510,
19.5070


 38.3110, 1.4630,
23.0550

 49.4970, 0.6390,
15.9590


 33.3050, 1.6000,
26.0800

 54.5030, 0.5020,
12.9340


 27.4130, 1.4160,
29.4160

 60.3950, 0.6860,
9.5980

 22.4070, 1.5530,
32.4410

 65.4010, 0.5490,
6.5730

 21.8200, 1.8280,
32.9640

 70.9940, 0.1370,
3.0250

■ 76.5870, -0.2750,
-0.5230

■ 81.5930, -0.4120,
-3.5480

■ 87.4850, -0.2280,
-6.8840

■ 92.4910, -0.3650,
-9.9090

Harmonies

Analogous

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



36.7790, -35.6260, 6.8860



43.9040, 1.0510, 19.5070



41.1470, 22.4160, 23.2800

Triad

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



43.9040, 1.0510, 19.5070



40.8550, 27.9690, -5.7830



37.1530, -31.5880, -11.2360

Complementary

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



43.9040, 1.0510, 19.5070



63.0960, -1.0510, -19.5070

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.



33.8300, -23.6090, -18.1770



43.9040, 1.0510, 19.5070



39.5710, 13.8490, -14.2070

Square

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



43.9040, 1.0510, 19.5070



39.3110, 35.8530, 5.5250



34.4760, -5.1770, -21.8250



38.9600, -38.0540, -4.1820

Rectangle

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



43.9040, 1.0510, 19.5070



39.3560, 31.9530, 21.1450



34.4760, -5.1770, -21.8250



36.2410, -29.0200, -13.7240

Sweetspot

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



43.9040, 1.0510, 19.5070



86.9280, 0.5030, 7.4070



47.2830, -19.6700, 4.0580



43.0480, 0.0450, 4.6930



179.0000, -0.0000, -0.0000



51.0000, -0.0000, -0.0000

Same Dimension

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



43.9040, 1.0510, 19.5070



49.2390, 1.9660, 30.4620



49.2430, 13.3380, 22.6020



35.3530, 0.5040, 1.8800



29.2690, 2.4220, 44.2300



65.9870, 5.4380, 99.7260

Inverse Universe

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



46.6210, 20.7210, 15.4490



53.3500, 32.0900, 24.1700



57.7570, -13.3380, -22.6020



35.4240, 1.7420, 1.4700



35.4000, 46.9890, 34.9970



79.8280, 105.9430, 78.9270

Previews

White Background



This preview shows how the YIQ color 43.9040, 1.0510, 19.5070 looks on a white background.

Color Contrast Check

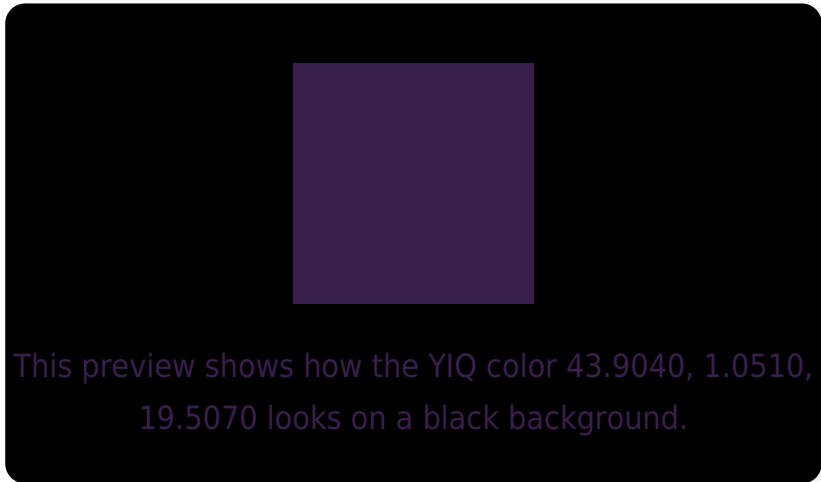
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

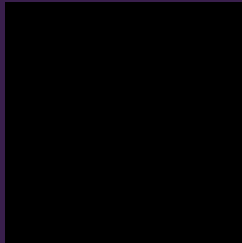
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 43.9040, 1.0510, 19.5070

Background



This preview shows how black text looks on a background with the YIQ color 43.9040, 1.0510, 19.5070.



This preview shows how white text looks on a background with the YIQ color 43.9040, 1.0510,

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

43.9040, 1.0510, 19.5070

Protanopia

37.8610, -32.9210, 7.4230

Deuteranopia

40.4290, -23.0170, 4.1430



Tritanopia

43.6310, 5.5930, 3.2650

Trichromacy



Original Color

43.9040, 1.0510, 19.5070

Protanomaly

40.1400, -20.4050, 11.8750

Deuteranomaly

41.4950, -14.2150, 9.8250

Tritanomaly

43.8360, 3.7580, 8.9900

Monochromacy



Original Color

43.9040, 1.0510, 19.5070

Achromatopsia

44.0000, -0.0000, -0.0000

Achromatomaly

43.9280, 0.5030, 7.4070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 43.9040, 1.0510, 19.5070 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(57, 31, 76)` looks like.

```
.text, #text, p{  
    color:rgb(57, 31, 76)  
}
```

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(57, 31, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 31, 76) }
```

Border

The CSS property to change the border of an element to YIQ 43.9040, 1.0510, 19.5070 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(57, 31, 76) }
```


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

```
.border{ border-color:rgb(57, 31, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 31, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 31, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 31, 76);  
box-shadow:4px 4px 4px 4px rgb(57, 31, 76)  
}
```

Background

The CSS property to change the background color of an element to YIQ 43.9040, 1.0510, 19.5070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 31, 76) }
```

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

```
.background{ background-color: rgb(57, 31,  
76) }
```

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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