

Converting Colors

YIQ(49.1390, 34.0620, 21.4700)

Have a look what the booklet for
YIQ(49.1390, 34.0620, 21.4700)
contains.

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Color

**YIQ(49.1390, 34.0620,
21.4700)**

Conversions

Conversions Part 1

Format	Color
Hex	5F1A30
RGB	95, 26, 48
RGB Percent	37%, 10%, 19%
CMY	0.6273, 0.8981, 0.8116
CMYK	0.00, 0.73, 0.49, 0.63
HSL	341°, 57%, 24%
HSV	341°, 73%, 37%
XYZ	5.6269, 3.3865, 3.1567
YIQ	49.1390, 34.0620, 21.4700

Conversions

Conversions Part 2

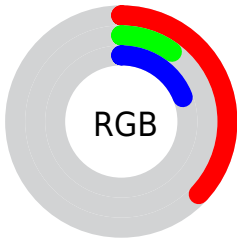
Format	Color
R_{YB}	95, 26, 48
Decimal	6232624
CIE Lab	21.53, 33.11, 3.27
CIE LCh	22, 33.266, 5.634
Yxy	3.3865, 0.4624, 0.2783
Android (android.graphics.Color)	4284422704 (0xFF5F1A30)
YUV	49.1390, -0.5615, 40.2201
Hunter-Lab	18.4024, 22.3758, 2.7114

Details

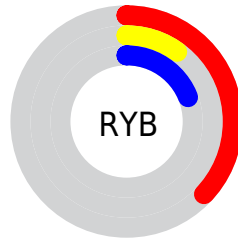
The YIQ color **49.1390, 34.0620, 21.4700** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **71.8610, -34.0620, -21.4700**, and the grayscale version is **49.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **99.2920, 38.0050, 21.5970**, and **14.1670, 27.6910, 10.2750** is the 20% darker color. If you saturate the color by 10%, you get **42.5850, 38.7380, 24.8340**, and if you desaturate by 10%, it is **55.1060, 29.6610, 18.6290**.

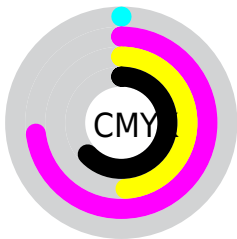
Distribution



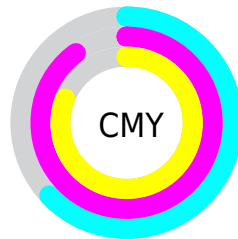
- Red (37%)
- Green (10%)
- Blue (19%)



- Red (37%)
- Yellow (10%)
- Blue (19%)



- Cyan (0%)
- Magenta (73%)
- Yellow (49%)
- Black (63%)



- Cyan (63%)
- Magenta (90%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 49.1390, 34.0620, 21.4700 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 49.1390, 34.0620, 21.4700 by changing the saturation by 10% instead.

■ 49.1390, 34.0620,
21.4700

■ 49.1390, 34.0620,
21.4700

■ 255.0000, -0.0000,
-0.0000

■ 23.7090, 32.4570,
23.0250

■ 99.2920, 38.0050,
21.5970

■ 14.4660, 28.2870,
10.4870

■ 125.0750, 40.1140,
21.9220

■ 0.0000, 0.0000,
0.0000


■ 151.6730, 41.3060,
22.3460


■ 178.6840, 42.7730,
23.2930


■ 203.8900, 39.1970,
22.0210

■ 223.5180, 22.5090,


16.0850


 243.7330, 5.5460,
9.6260


 49.1390, 34.0620,
21.4700


 49.1390, 34.0620,
21.4700


 42.5850, 38.7380,
24.8340


 55.1060, 29.6610,
18.6290


 36.5040, 43.4600,
27.3640

 61.7740, 24.6640,
15.5760

 31.8250, 46.9900,
29.4700

 67.7410, 20.2630,
12.7350

 74.4090, 15.2660,
9.6820

 80.3760, 10.8650,
6.8410

■ 87.0440, 5.8680,
3.7880

■ 93.5980, 1.1920,
0.4240

■ 99.6790, -3.5300,
-2.1060

■ 106.2330, -8.2060,
-5.4700

Harmonies

Analogous

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



51.8200, 19.0230, 24.1990



49.1390, 34.0620, 21.4700



49.0280, 38.3280, 10.2320

Triad

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



49.1390, 34.0620, 21.4700



44.5970, 1.7920, -21.4720



46.1640, -47.3160, -1.5240

Complementary

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



49.1390, 34.0620, 21.4700



71.8610, -34.0620, -21.4700

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.



45.5140, -42.7300, -7.5460



49.1390, 34.0620, 21.4700



39.8140, -26.6800, -23.0960

Square

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



49.1390, 34.0620, 21.4700



48.4640, 21.4600, -14.4760



43.3650, -35.3010, -15.5330



42.6250, -46.9960, 3.6920

Rectangle

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



49.1390, 34.0620, 21.4700



49.0350, 36.4500, 0.2100



43.3650, -35.3010, -15.5330



46.2950, -46.3070, -3.2910

Sweetspot

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



49.1390, 34.0620, 21.4700



104.0990, 13.2030, 8.5230



47.6200, 5.2670, 31.2110



50.3540, 7.9310, 4.9470



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



49.1390, 34.0620, 21.4700



51.5700, 52.2620, 33.0460



53.0880, 38.0990, 8.8750



45.3100, 2.0630, 1.1590



37.5920, 55.1960, 34.9400



80.5380, 118.3230, 74.8270

Inverse Universe

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



49.1390, 34.0620, 21.4700



51.5700, 52.2620, 33.0460



67.9120, -38.0990, -8.8750



45.3100, 2.0630, 1.1590



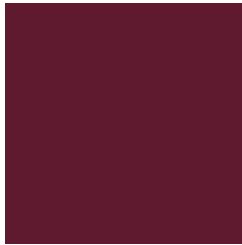
37.5920, 55.1960, 34.9400



80.5380, 118.3230, 74.8270

Previews

White Background



This preview shows how the YIQ color 49.1390, 34.0620, 21.4700 looks on a white background.

Color Contrast Check

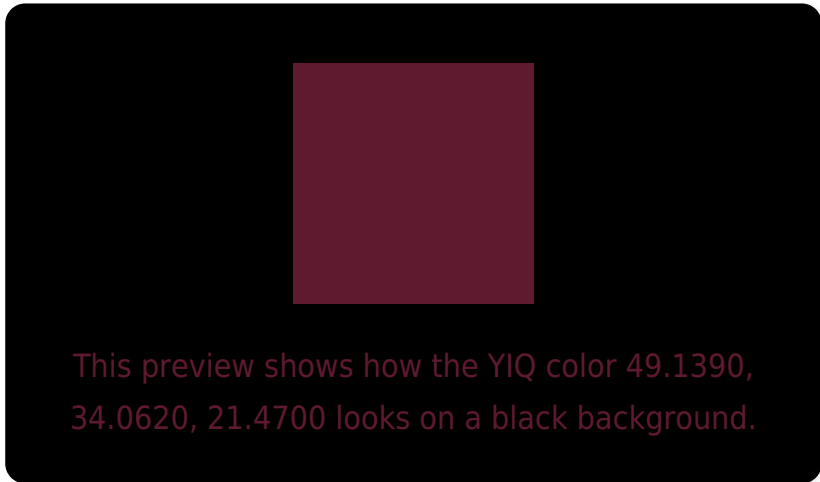
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.1390, 34.0620, 21.4700

Background



This preview shows how black text looks on a background with the YIQ color 49.1390, 34.0620, 21.4700.



This preview shows how white text looks on a background with the YIQ color 49.1390, 34.0620,

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

49.1390, 34.0620, 21.4700

Protanopia

53.5420, -4.4020, 2.6860

Deuteranopia

53.3060, 7.8860, 0.2540



Tritanopia

49.2500, 37.8230, 13.8790

Trichromacy



Original Color

49.1390, 34.0620, 21.4700

Protanomaly

51.8860, 9.4890, 9.7530

Deuteranomaly

51.7250, 17.1920, 7.8160

Tritanomaly

49.3470, 36.1720, 16.2680

Monochromacy



Original Color

49.1390, 34.0620, 21.4700

Achromatopsia

49.0000, -0.0000, -0.0000

Achromatomaly

49.3870, 12.3320, 7.7880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 49.1390, 34.0620, 21.4700 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(95, 26, 48)` looks like.

```
.text, #text, p{  
    color:rgb(95, 26, 48)  
}
```

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(95, 26, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 26, 48) }
```

Border

The CSS property to change the border of an element to YIQ 49.1390, 34.0620, 21.4700 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(95, 26, 48) }
```


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

```
.border{ border-color:rgb(95, 26, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 26, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 26, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 26, 48);  
box-shadow:4px 4px 4px 4px rgb(95, 26, 48)  
}
```

Background

The CSS property to change the background color of an element to YIQ 49.1390, 34.0620, 21.4700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 26, 48) }
```

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

```
.background{ background-color: rgb(95, 26,  
48) }
```

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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