

Converting Colors

YIQ(61.9480, 33.2820, 24.5940)

Have a look what the booklet for
YIQ(61.9480, 33.2820, 24.5940)
contains.

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Color

**YIQ(61.9480, 33.2820,
24.5940)**

Conversions

Conversions Part 1

Format	Color
Hex	6D2543
RGB	109, 37, 67
RGB Percent	43%, 15%, 26%
CMY	0.5724, 0.8550, 0.7371
CMYK	0.00, 0.66, 0.39, 0.57
HSL	335°, 49%, 29%
HSV	335°, 66%, 43%
XYZ	7.9872, 4.9811, 5.8550
YIQ	61.9480, 33.2820, 24.5940

Conversions

Conversions Part 2

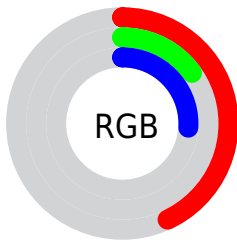
Format	Color
R_{YB}	109, 37, 67
Decimal	7152963
CIE _{Lab}	26.68, 35.04, -1.90
CIE _{LCh}	27, 35.088, 356.893
Yxy	4.9811, 0.4243, 0.2646
Android (android.graphics.Color)	4285343043 (0xFF6D2543)
YUV	61.9480, 2.4906, 41.2646
Hunter-Lab	22.3184, 24.8235, 0.0687

Details

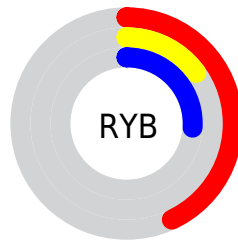
The YIQ color **61.9480, 33.2820, 24.5940** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **84.0520, -33.2820, -24.5940**, and the grayscale version is **62.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **112.3290, 36.5830, 25.3430**, and **19.7790, 26.2680, 19.5480** is the 20% darker color. If you saturate the color by 10%, you get **54.8070, 38.2330, 28.4810**, and if you desaturate by 10%, it is **69.0890, 28.3310, 20.7070**.

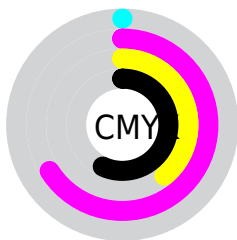
Distribution



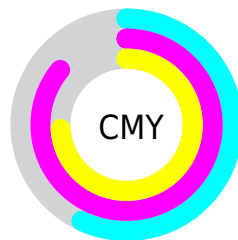
- Red (43%)
- Green (15%)
- Blue (26%)



- Red (43%)
- Yellow (15%)
- Blue (26%)



- Cyan (0%)
- Magenta (66%)
- Yellow (39%)
- Black (57%)



- Cyan (57%)
- Magenta (86%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 61.9480, 33.2820, 24.5940 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 61.9480, 33.2820, 24.5940 by changing the saturation by 10% instead.

61.9480, 33.2820,
24.5940

61.9480, 33.2820,
24.5940

255.0000, -0.0000,
-0.0000

35.8170, 32.2730,
26.3610

112.3290, 36.5830,
25.3430

20.0780, 26.8640,
19.7600

138.8130, 38.0960,
25.4560

10.5790, 20.5390,
7.7310

165.8240, 39.5630,
26.4030

0.0000, 0.0000,
0.0000

193.4220, 40.7550,
26.8270

214.8440, 27.6430,
22.1630

234.4720, 10.9550,

16.2270

252.0650, 1.3750,
2.6150

61.9480, 33.2820,
24.5940

61.9480, 33.2820,
24.5940

54.8070, 38.2330,
28.4810

69.0890, 28.3310,
20.7070

47.5520, 43.5050,
32.0570

76.3440, 23.0590,
17.1310

40.4110, 48.4560,
35.9440

83.4850, 18.1080,
13.2440

37.7210, 50.5190,
37.1030

90.6260, 13.1570,
9.3570

97.2940, 8.1600,
6.3040

■ 104.4350, 3.2090,
2.4170

■ 111.6900, -2.0630,
-1.1590

■ 118.8310, -7.0140,
-5.0460

■ 125.9720,
-11.9650, -8.9330

Harmonies

Analogous

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



64.8240, 13.2000, 25.1040



61.9480, 33.2820, 24.5940



61.0440, 41.3990, 15.1510

Triad

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



61.9480, 33.2820, 24.5940



57.3760, 9.7240, -22.0520



55.1630, -54.7430, -4.5910

Complementary

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



61.9480, 33.2820, 24.5940



84.0520, -33.2820, -24.5940

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.



53.9430, -48.5520, -12.1680



61.9480, 33.2820, 24.5940



49.7880, -23.7910, -25.8950

Square

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



61.9480, 33.2820, 24.5940



59.6560, 29.6670, -14.5330



50.7510, -39.5640, -20.8760



52.6670, -55.9820, 1.3460

Rectangle

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



61.9480, 33.2820, 24.5940



60.9480, 41.3090, 5.7650



50.7510, -39.5640, -20.8760



55.0660, -53.0920, -6.9800

Sweetspot

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



61.9480, 33.2820, 24.5940



124.0390, 13.4320, 9.8800



57.4670, 1.3240, 31.0840



59.8810, 7.8850, 5.7810



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



61.9480, 33.2820, 24.5940



69.1450, 52.2610, 38.5730



61.4630, 41.5370, 12.6490



50.0220, 2.9340, 1.8940



40.5690, 54.0030, 40.0430



84.8830, 113.2780, 83.6620

Inverse Universe

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



61.9480, 33.2820, 24.5940



69.1450, 52.2610, 38.5730



84.5370, -41.5370, -12.6490



50.0220, 2.9340, 1.8940



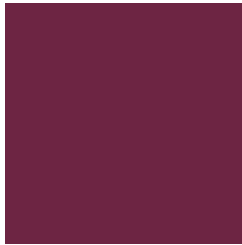
40.5690, 54.0030, 40.0430



84.8830, 113.2780, 83.6620

Previews

White Background



This preview shows how the YIQ color 61.9480, 33.2820, 24.5940 looks on a white background.

Color Contrast Check

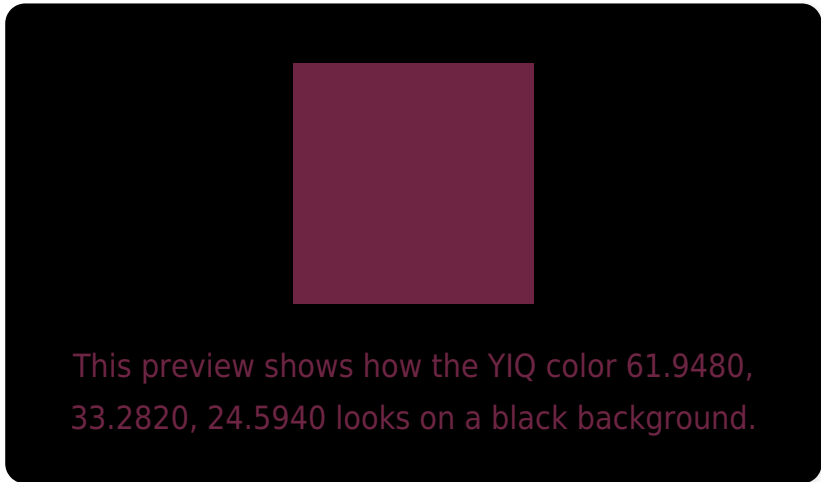
Large Text (above 18pt) WCAG AA ✓ Pass

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

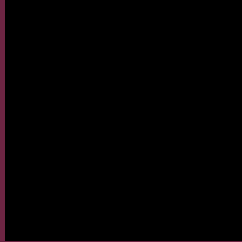
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 61.9480, 33.2820, 24.5940

Background



This preview shows how black text looks on a background with the YIQ color 61.9480, 33.2820, 24.5940.



This preview shows how white text looks on a background with the YIQ color 61.9480, 33.2820,

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

61.9480, 33.2820, 24.5940

Protanopia

64.1980, -9.1250, 5.6830

Deuteranopia

64.8050, 5.0430, 2.2190



Tritanopia

61.7770, 37.7770, 14.7130

Trichromacy



Original Color

61.9480, 33.2820, 24.5940

Protanomaly

63.6130, 6.0040, 12.3400

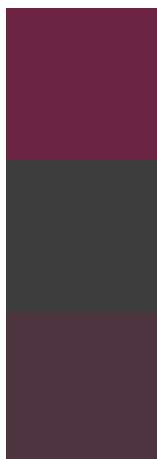
Deuteranomaly

63.8220, 15.5410, 10.2050

Tritanomaly

61.8140, 36.3550, 18.4590

Monochromacy



Original Color

61.9480, 33.2820, 24.5940

Achromatopsia

62.0000, -0.0000, -0.0000

Achromatomaly

62.0280, 11.9650, 8.9330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 61.9480, 33.2820, 24.5940 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(109, 37, 67)` looks like.

```
.text, #text, p{  
    color:rgb(109, 37, 67)  
}
```

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(109, 37, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 37, 67) }
```

Border

The CSS property to change the border of an element to YIQ 61.9480, 33.2820, 24.5940 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(109, 37, 67) }
```


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

```
.border{ border-color:rgb(109, 37, 67) }
```

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

Here you see how a box with a 4 pixel rgb(109, 37, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 37, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 37, 67);  
box-shadow:4px 4px 4px 4px rgb(109, 37,  
67) }
```

Background

The CSS property to change the background color of an element to YIQ 61.9480, 33.2820, 24.5940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 37, 67) }
```

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

```
.background{ background-color: rgb(109, 37,  
67) }
```

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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