

Converting Colors

YIQ(61.5450, 27.0470, 21.9510)

Have a look what the booklet for
YIQ(61.5450, 27.0470, 21.9510)
contains.

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Color

**YIQ(61.5450, 27.0470,
21.9510)**

Conversions

Conversions Part 1

Format	Color
Hex	652845
RGB	101, 40, 69
RGB Percent	40%, 16%, 27%
CMY	0.6038, 0.8432, 0.7293
CMYK	0.00, 0.60, 0.32, 0.60
HSL	331°, 43%, 28%
HSV	331°, 60%, 40%
XYZ	7.2043, 4.7149, 6.1641
YIQ	61.5450, 27.0470, 21.9510

Conversions

Conversions Part 2

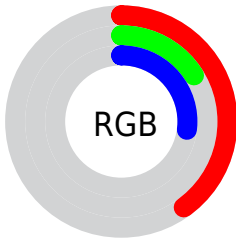
Format	Color
R_{YB}	101, 40, 69
Decimal	6629445
CIE _{Lab}	25.91, 30.97, -4.54
CIE _{LCh}	26, 31.302, 351.656
Yxy	4.7149, 0.3984, 0.2607
Android (android.graphics.Color)	4284819525 (0xFF652845)
YUV	61.5450, 3.6753, 34.6020
Hunter-Lab	21.7138, 21.2240, -1.6315

Details

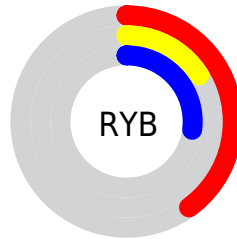
The YIQ color **61.5450, 27.0470, 21.9510** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **79.4550, -27.0470, -21.9510**, and the grayscale version is **61.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **111.0400, 30.0270, 23.0110**, and **18.2130, 22.0500, 18.8980** is the 20% darker color. If you saturate the color by 10%, you get **55.1050, 31.4020, 25.6260**, and if you desaturate by 10%, it is **67.9850, 22.6920, 18.2760**.

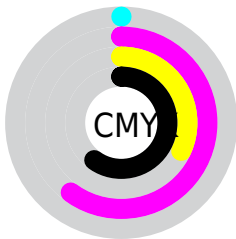
Distribution



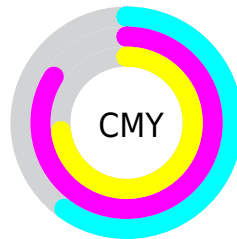
- Red (40%)
- Green (16%)
- Blue (27%)



- Red (40%)
- Yellow (16%)
- Blue (27%)



- Cyan (0%)
- Magenta (60%)
- Yellow (32%)
- Black (60%)



- Cyan (60%)
- Magenta (84%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 61.5450, 27.0470, 21.9510 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 61.5450, 27.0470, 21.9510 by changing the saturation by 10% instead.

61.5450, 27.0470,
21.9510

61.5450, 27.0470,
21.9510

255.0000, -0.0000,
-0.0000

37.4740, 25.8090,
22.3610

111.0400, 30.0270,
23.0110

18.2130, 22.0500,
18.8980

137.6380, 31.2190,
23.4350

7.8880, 15.1750,
5.8230

164.2360, 32.4110,
23.8590

0.0000, 0.0000,
0.0000

191.2470, 33.8780,
24.8060

215.6590, 26.7260,
22.2620

235.4010, 9.7170,

16.6370

252.6520, 1.1000,
2.0920

61.5450, 27.0470,
21.9510

61.5450, 27.0470,
21.9510

55.1050, 31.4020,
25.6260

67.9850, 22.6920,
18.2760

48.5510, 36.0780,
28.9900

74.5390, 18.0160,
14.9120

42.1110, 40.4330,
32.6650

80.9790, 13.6610,
11.2370

35.6710, 44.7880,
36.3400

87.4190, 9.3060,
7.5620

93.9730, 4.6300,
4.1980

■ 101.0000, -0.0000,
0.0000

■ 107.4400, -4.3550,
-3.6750

■ 113.8800, -8.7100,
-7.3500

■ 120.4340,
-13.3860, -10.7140

Harmonies

Analogous

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



63.6660, 7.6530, 21.0050



61.5450, 27.0470, 21.9510



60.2930, 36.2640, 14.6000

Triad

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



61.5450, 27.0470, 21.9510



56.6800, 11.9240, -17.8680



52.8490, -50.9830, -6.6550

Complementary

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



61.5450, 27.0470, 21.9510



79.4550, -27.0470, -21.9510

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.



51.7430, -45.1130, -13.9210



61.5450, 27.0470, 21.9510



52.5830, -12.7880, -21.5560

Square

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



61.5450, 27.0470, 21.9510



59.2200, 28.1990, -9.9530



48.4200, -37.1340, -20.8620



51.0540, -52.8180, -0.9300

Rectangle

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



61.5450, 27.0470, 21.9510



59.8490, 37.2740, 7.3060



48.4200, -37.1340, -20.8620



52.7520, -49.3320, -9.0440

Sweetspot

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



61.5450, 27.0470, 21.9510



117.4300, 10.7730, 8.5090



56.5220, -0.5090, 25.7550



56.9840, 6.0970, 5.1450



194.0000, -0.0000, 0.0000



66.0000, -0.0000, -0.0000

Same Dimension

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



61.5450, 27.0470, 21.9510



70.2470, 43.0460, 34.8700



58.8260, 36.0810, 12.4090



47.7230, 2.3380, 1.6820



40.6550, 50.8850, 41.4850



85.4680, 107.3170, 87.0690

Inverse Universe

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



61.5450, 27.0470, 21.9510



70.2470, 43.0460, 34.8700



82.1740, -36.0810, -12.4090



47.7230, 2.3380, 1.6820



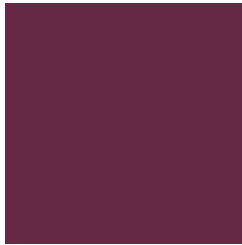
40.6550, 50.8850, 41.4850



85.4680, 107.3170, 87.0690

Previews

White Background



This preview shows how the YIQ color 61.5450, 27.0470, 21.9510 looks on a white background.

Color Contrast Check

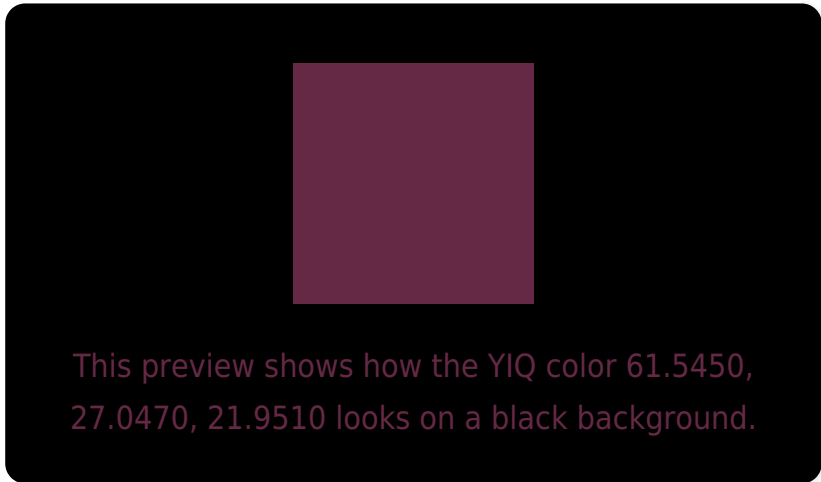
Large Text (above 18pt) WCAG AA ✓ Pass

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 61.5450, 27.0470, 21.9510

Background



This preview shows how black text looks on a background with the YIQ color 61.5450, 27.0470, 21.9510.



This preview shows how white text looks on a background with the YIQ color 61.5450, 27.0470,

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

61.5450, 27.0470, 21.9510

Protanopia

62.6000, -10.3170, 5.2590

Deuteranopia

62.7770, 2.2460, 3.3500



Tritanopia

61.4880, 31.2210, 12.3810

Trichromacy



Original Color

61.5450, 27.0470, 21.9510

Protanomaly

62.1180, 3.0240, 11.2800

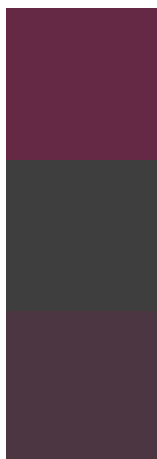
Deuteranomaly

62.3700, 11.0020, 9.8660

Tritanomaly

61.5250, 29.7990, 16.1270

Monochromacy



Original Color

61.5450, 27.0470, 21.9510

Achromatopsia

62.0000, -0.0000, -0.0000

Achromatomaly

61.8320, 9.5810, 8.0850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 61.5450, 27.0470, 21.9510 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(101, 40, 69)` looks like.

```
.text, #text, p{  
    color:rgb(101, 40, 69)  
}
```

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(101, 40, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 40, 69) }
```

Border

The CSS property to change the border of an element to YIQ 61.5450, 27.0470, 21.9510 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(101, 40, 69) }
```


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

```
.border{ border-color:rgb(101, 40, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 40, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 40, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 40, 69);  
box-shadow:4px 4px 4px 4px rgb(101, 40,  
69) }
```

Background

The CSS property to change the background color of an element to YIQ 61.5450, 27.0470, 21.9510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 40, 69) }
```

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

```
.background{ background-color: rgb(101, 40,  
69) }
```

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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