

Converting Colors

YIQ(49.4530, 22.2750, 42.3630)

Have a look what the booklet for
YIQ(49.4530, 22.2750, 42.3630)
contains.

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Color

**YIQ(49.4530, 22.2750,
42.3630)**

Conversions

Conversions Part 1

Format	Color
Hex	611061
RGB	97, 16, 97
RGB Percent	38%, 6%, 38%
CMY	0.6194, 0.9374, 0.6196
CMYK	0.00, 0.84, 0.00, 0.62
HSL	300°, 72%, 22%
HSV	300°, 84%, 38%
XYZ	7.2791, 3.7776, 11.6564
YIQ	49.4530, 22.2750, 42.3630

Conversions

Conversions Part 2

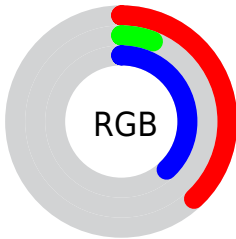
Format	Color
RYB	97, 16, 97
Decimal	6361185
CIELab	22.92, 44.57, -27.86
CIElCh	23, 52.556, 327.990
Yxy	3.7776, 0.3205, 0.1663
Android (android.graphics.Color)	4284551265 (0xFF611061)
YUV	49.4530, 23.4407, 41.6987
Hunter-Lab	19.4360, 32.8387, -21.9529




Details

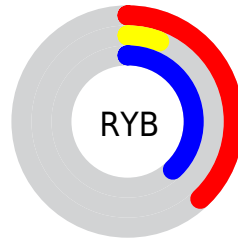
The YIQ color **49.4530, 22.2750, 42.3630** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **63.5470, -22.2750, -42.3630**, and the grayscale version is **49.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **102.8120, 22.6420, 41.2180**, and **20.0520, 12.5580, 25.7260** is the 20% darker color. If you saturate the color by 10%, you get **43.5830, 25.0250, 47.5930**, and if you desaturate by 10%, it is **55.3230, 19.5250, 37.1330**.

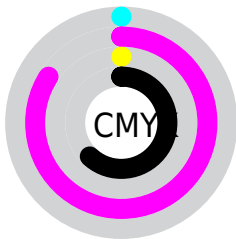
Distribution







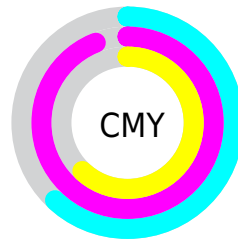
-  Red (38%)
-  Green (6%)
-  Blue (38%)






-  Red (38%)
-  Yellow (6%)
-  Blue (38%)



-  Cyan (0%)
-  Magenta (84%)
-  Yellow (0%)
-  Black (62%)



-  Cyan (62%)
-  Magenta (94%)
-  Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 49.4530, 22.2750, 42.3630 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 49.4530, 22.2750, 42.3630 by changing the saturation by 10% instead.

■ 49.4530, 22.2750,
42.3630

■ 49.4530, 22.2750,
42.3630

■ 255.0000, -0.0000,
-0.0000

■ 29.5510, 18.8830,
37.7550

■ 102.8120, 22.6420,
41.2180

■ 20.0520, 12.5580,
25.7260

■ 129.5240, 23.5130,
41.9530

■ 8.2750, 1.1440,
12.3120

■ 156.2360, 24.3840,
42.6880


■ 0.0000, 0.0000,
0.0000


■ 184.0620, 24.9340,
43.7340


■ 209.2140, 21.4500,
40.7940


■ 225.6500, 13.7500,


26.1500


 242.0860, 6.0500,
11.5060


 49.4530, 22.2750,
42.3630


 49.4530, 22.2750,
42.3630


 43.5830, 25.0250,
47.5930


 55.3230, 19.5250,
37.1330

 40.0610, 26.6750,
50.7310

 60.6060, 17.0500,
32.4260

 66.4760, 14.3000,
27.1960

 72.3460, 11.5500,
21.9660

 78.2160, 8.8000,
16.7360

■ 83.4990, 6.3250,
12.0290

■ 89.3690, 3.5750,
6.7990

■ 95.2390, 0.8250,
1.5690

■ 100.5220, -1.6500,
-3.1380

Harmonies

Analogous

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



51.7280, -30.4480, 23.1840



49.4530, 22.2750, 42.3630



42.3070, 51.9850, 43.5770

Triad

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



49.4530, 22.2750, 42.3630



51.7530, 28.0160, -12.1440



51.4640, -48.4610, -8.3090

Complementary

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



49.4530, 22.2750, 42.3630



63.5470, -22.2750, -42.3630

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.



46.9040, -35.6210, -20.7490



49.4530, 22.2750, 42.3630



46.5490, 1.7470, -26.1650

Square

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



49.4530, 22.2750, 42.3630



49.8580, 50.2500, 3.4180



40.6000, -20.6260, -33.6980



53.8240, -57.8620, 2.3780

Rectangle

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



49.4530, 22.2750, 42.3630



39.7560, 60.6060, 36.0140



40.6000, -20.6260, -33.6980



49.9820, -44.2880, -12.3520

Sweetspot

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



49.4530, 22.2750, 42.3630



106.8030, 8.5250, 16.2130



25.2340, -26.0010, 25.1910



52.8470, 5.2250, 9.9370



191.0000, -0.0000, -0.0000



64.0000, -0.0000, -0.0000

Same Dimension

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



49.4530, 22.2750, 42.3630



51.6250, 34.3750, 65.3750



44.8930, 35.1150, 29.9230



45.6520, 1.1000, 2.0920



46.2560, 30.8000, 58.5760



99.1200, 66.0000, 125.5200

Inverse Universe

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



49.4530, 22.2750, 42.3630



51.6250, 34.3750, 65.3750



68.2210, -35.4360, -29.6120



45.6520, 1.1000, 2.0920



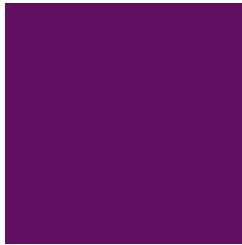
46.2560, 30.8000, 58.5760



99.1200, 66.0000, 125.5200

Previews

White Background



This preview shows how the YIQ color 49.4530, 22.2750, 42.3630 looks on a white background.

Color Contrast Check

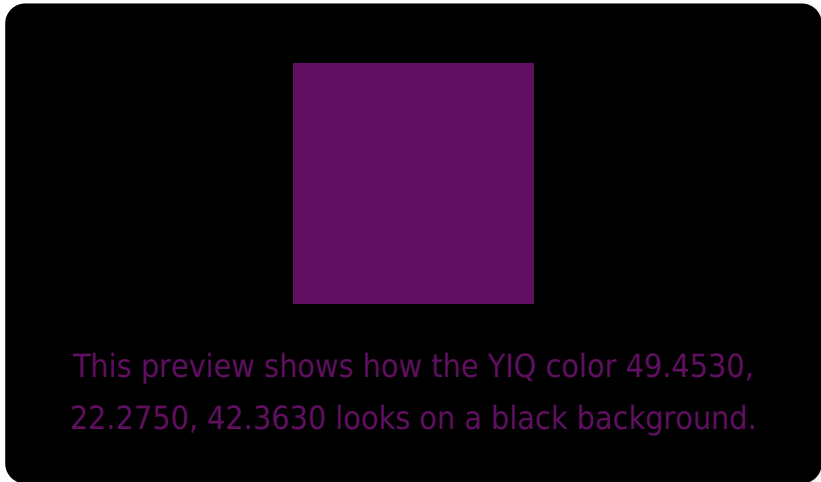
Large Text (above 18pt) WCAG AA ✓ Pass

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

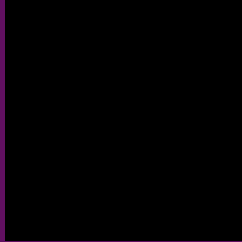
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 49.4530, 22.2750, 42.3630

Background



This preview shows how black text looks on a background with the YIQ color 49.4530, 22.2750, 42.3630.



This preview shows how white text looks on a background with the YIQ color 49.4530, 22.2750,

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

49.4530, 22.2750, 42.3630

Protanopia

45.5090, -52.3610, 7.3110

Deuteranopia

54.5970, -23.4300, 6.1220



Tritanopia

55.5910, 29.4330, 11.7450

Trichromacy



Original Color

49.4530, 22.2750, 42.3630

Protanomaly

46.9580, -25.4040, 19.8760

Deuteranomaly

52.5980, -6.8350, 19.2530

Tritanomaly

53.1860, 26.6800, 23.0960

Monochromacy



Original Color

49.4530, 22.2750, 42.3630

Achromatopsia

49.0000, -0.0000, -0.0000

Achromatomaly

48.9770, 7.9750, 15.1670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 49.4530, 22.2750, 42.3630 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(97, 16, 97)` looks like.

```
.text, #text, p{  
    color:rgb(97, 16, 97)  
}
```

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(97, 16, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 16, 97) }
```

Border

The CSS property to change the border of an element to YIQ 49.4530, 22.2750, 42.3630 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(97, 16, 97) }
```


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

```
.border{ border-color:rgb(97, 16, 97) }
```

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

Here you see how a box with a 4 pixel rgb(97, 16, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 16, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 16, 97);  
box-shadow:4px 4px 4px 4px rgb(97, 16, 97)  
}
```

Background

The CSS property to change the background color of an element to YIQ 49.4530, 22.2750, 42.3630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 16, 97) }
```

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

```
.background{ background-color: rgb(97, 16,  
97) }
```

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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