

Converting Colors

YIQ(49.7360, 28.9680, 47.7200)

Have a look what the booklet for
YIQ(49.7360, 28.9680, 47.7200)
contains.

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Color

**YIQ(49.7360, 28.9680,
47.7200)**

Conversions

Conversions Part 1

Format	Color
Hex	6B0B63
RGB	107, 11, 99
RGB Percent	42%, 4%, 39%
CMY	0.5801, 0.9570, 0.6117
CMYK	0.00, 0.90, 0.08, 0.58
HSL	305°, 81%, 23%
HSV	305°, 90%, 42%
XYZ	8.4440, 4.2698, 12.1865
YIQ	49.7360, 28.9680, 47.7200

Conversions

Conversions Part 2

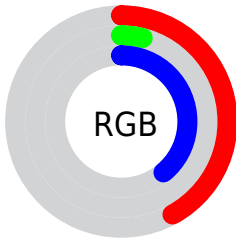
Format	Color
R_{YB}	107, 11, 99
Decimal	7015267
CIE _{Lab}	24.54, 48.35, -26.48
CIE _{LCh}	25, 55.122, 331.289
Yxy	4.2698, 0.3391, 0.1715
Android (android.graphics.Color)	4285205347 (0xFF6B0B63)
YUV	49.7360, 24.2872, 50.2205
Hunter-Lab	20.6635, 36.7820, -20.5024

Details

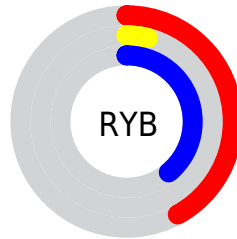
The YIQ color **49.7360, 28.9680, 47.7200** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **68.2640, -28.9680, -47.7200**, and the grayscale version is **49.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **106.3290, 28.5560, 44.1720**, and **22.6720, 16.6840, 28.0440** is the 20% darker color. If you saturate the color by 10%, you get **43.1650, 32.3140, 53.1620**, and if you desaturate by 10%, it is **56.3070, 25.6220, 42.2780**.

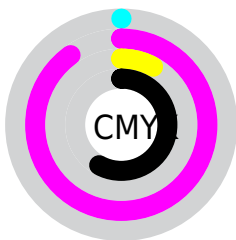
Distribution



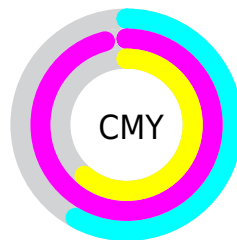
- Red (42%)
- Green (4%)
- Blue (39%)



- Red (42%)
- Yellow (4%)
- Blue (39%)



- Cyan (0%)
- Magenta (90%)
- Yellow (8%)
- Black (58%)



- Cyan (58%)
- Magenta (96%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 49.7360, 28.9680, 47.7200 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 49.7360, 28.9680, 47.7200 by changing the saturation by 10% instead.

■ 49.7360, 28.9680,
47.7200

■ 49.7360, 28.9680,
47.7200

255.0000, -0.0000,
-0.0000

■ 32.7690, 24.2010,
40.4970

■ 106.3290, 28.5560,
44.1720

■ 22.6720, 16.6840,
28.0440

■ 133.3400, 30.0230,
45.1190

■ 12.6890, 8.8460,
15.9020

■ 160.7530, 30.2980,
45.6420

■ 0.0000, 0.0000,
0.0000


■ 188.7640, 31.7650,
46.5890


■ 209.8010, 21.1750,
40.2710


■ 226.2370, 13.4750,


25.6270


 243.2600, 5.5000,
10.4600


 49.7360, 28.9680,
47.7200


 49.7360, 28.9680,
47.7200


 43.1650, 32.3140,
53.1620

 56.3070, 25.6220,
42.2780

 62.2910, 22.5510,
37.3590

 68.8620, 19.2050,
31.9170

 75.4330, 15.8590,
26.4750

 82.0040, 12.5130,
21.0330

■ 87.8740, 9.7630,
15.8030

■ 94.4450, 6.4170,
10.3610

■ 101.0160, 3.0710,
4.9190

■ 107.0000, -0.0000,
0.0000

Harmonies

Analogous

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



57.1850, -24.3050, 27.4950



49.7360, 28.9680, 47.7200



44.5850, 57.0740, 44.9620

Triad

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



49.7360, 28.9680, 47.7200



54.6880, 26.6410, -14.7590



55.5390, -53.0460, -7.8140

Complementary

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



49.7360, 28.9680, 47.7200



68.2640, -28.9680, -47.7200

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.



50.7510, -39.5640, -20.8760



49.7360, 28.9680, 47.7200



47.9890, -2.6080, -29.8400

Square

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



49.7360, 28.9680, 47.7200



53.6900, 50.6630, 1.4390



43.7460, -23.9730, -33.6130



57.3120, -62.1720, 3.3960

Rectangle

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



49.7360, 28.9680, 47.7200



41.5070, 65.7410, 36.5650



43.7460, -23.9730, -33.6130



54.0570, -48.8730, -11.8570

Sweetspot

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



49.7360, 28.9680, 47.7200



117.3520, 11.4130, 18.9410



24.3360, -26.0480, 31.5520



57.8580, 6.6920, 10.8840



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.



49.7360, 28.9680, 47.7200



56.4520, 42.3520, 69.4880



44.2640, 44.3760, 32.7920



50.3640, 1.9710, 2.8270



47.1810, 35.3850, 58.0810



98.7910, 74.1160, 121.6040

Inverse Universe

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



49.7360, 28.9680, 47.7200



56.4520, 42.3520, 69.4880



73.7360, -44.3760, -32.7920



50.3640, 1.9710, 2.8270



47.1810, 35.3850, 58.0810



98.7910, 74.1160, 121.6040

Previews

White Background



This preview shows how the YIQ color 49.7360, 28.9680, 47.7200 looks on a white background.

Color Contrast Check

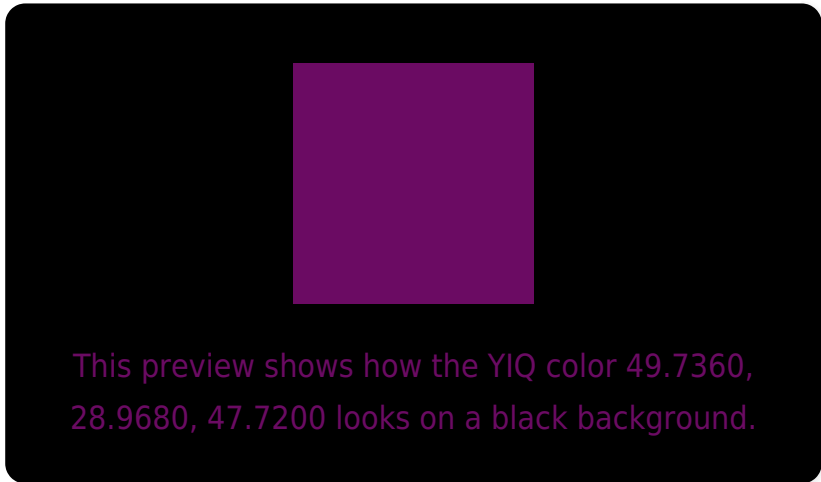
Large Text (above 18pt) WCAG AA ✓ Pass

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

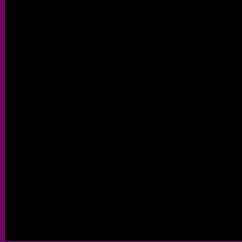
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 49.7360, 28.9680, 47.7200

Background



This preview shows how black text looks on a background with the YIQ color 49.7360, 28.9680, 47.7200.



This preview shows how white text looks on a background with the YIQ color 49.7360, 28.9680,

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

49.7360, 28.9680, 47.7200

Protanopia

48.7690, -56.0290, 7.7070

Deuteranopia

59.8640, -19.8080, 6.5600



Tritanopia

58.4670, 35.7140, 13.5540

Trichromacy



Original Color

49.7360, 28.9680, 47.7200

Protanomaly

49.4250, -25.2210, 22.0670

Deuteranomaly

56.4030, -1.7920, 21.4720

Tritanomaly

55.0020, 33.1900, 26.2620

Monochromacy



Original Color

49.7360, 28.9680, 47.7200

Achromatopsia

50.0000, -0.0000, -0.0000

Achromatomaly

50.1130, 10.5880, 17.3720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 49.7360, 28.9680, 47.7200 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(107, 11, 99)` looks like.

```
.text, #text, p{  
    color:rgb(107, 11, 99)  
}
```

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(107, 11, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 11, 99) }
```

Border

The CSS property to change the border of an element to YIQ 49.7360, 28.9680, 47.7200 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(107, 11, 99) }
```


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

```
.border{ border-color:rgb(107, 11, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 11, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 11, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 11, 99);  
box-shadow:4px 4px 4px 4px rgb(107, 11,  
99) }
```

Background

The CSS property to change the background color of an element to YIQ 49.7360, 28.9680, 47.7200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 11, 99) }
```

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

```
.background{ background-color: rgb(107, 11,  
99) }
```

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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