

Converting Colors

YIQ(49.7360, 19.8000, 37.6560)

Have a look what the booklet for
YIQ(49.7360, 19.8000, 37.6560)
contains.

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Color

**YIQ(49.7360, 19.8000,
37.6560)**

Conversions

Conversions Part 1

Format	Color
Hex	5C145C
RGB	92, 20, 92
RGB Percent	36%, 8%, 36%
CMY	0.6390, 0.9217, 0.6392
CMYK	0.00, 0.78, 0.00, 0.64
HSL	300°, 64%, 22%
HSV	300°, 78%, 36%
XYZ	6.6008, 3.5502, 10.4639
YIQ	49.7360, 19.8000, 37.6560

Conversions

Conversions Part 2

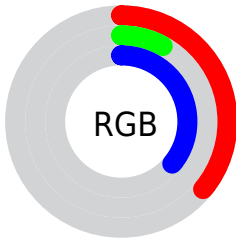
Format	Color
RYB	92, 20, 92
Decimal	6034524
CIELab	22.12, 41.19, -25.88
CIELCh	22, 48.643, 327.861
Yxy	3.5502, 0.3202, 0.1722
Android (android.graphics.Color)	4284224604 (0xFF5C145C)
YUV	49.7360, 20.8362, 37.0655
Hunter-Lab	18.8420, 29.5592, -19.7373

Details

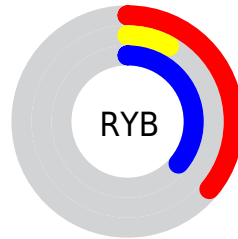
The YIQ color **49.7360, 19.8000, 37.6560** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **62.2640, -19.8000, -37.6560**, and the grayscale version is **50.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **101.9210, 20.7170, 37.5570**, and **18.4000, 11.4580, 23.6340** is the 20% darker color. If you saturate the color by 10%, you get **44.4530, 22.2750, 42.3630**, and if you desaturate by 10%, it is **55.0190, 17.3250, 32.9490**.

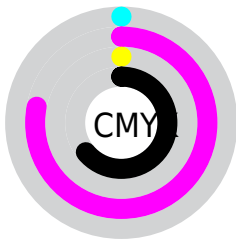
Distribution



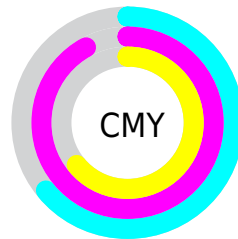
- Red (36%)
- Green (8%)
- Blue (36%)



- Red (36%)
- Yellow (8%)
- Blue (36%)



- Cyan (0%)
- Magenta (78%)
- Yellow (0%)
- Black (64%)



- Cyan (64%)
- Magenta (92%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 49.7360, 19.8000, 37.6560 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, 19.8000, 37.6560 by changing the saturation by 10% instead.

■ 49.7360, 19.8000,
37.6560

■ 49.7360, 19.8000,
37.6560

■ 255.0000, -0.0000,
-0.0000

■ 27.7850, 18.1040,
35.3520

■ 101.9210, 20.7170,
37.5570

■ 18.4000, 11.4580,
23.6340

■ 127.6330, 21.5880,
38.2920

■ 4.2310, -4.7240,
8.5240

■ 154.4590, 22.1380,
39.3380

■ 0.0000, 0.0000,
0.0000

■ 182.1710, 23.0090,
40.0730

■ 208.9860, 22.0920,
40.1720

■ 225.6500, 13.7500,

26.1500

242.6730, 5.7750,
10.9830

49.7360, 19.8000,
37.6560

49.7360, 19.8000,
37.6560

44.4530, 22.2750,
42.3630

55.0190, 17.3250,
32.9490

39.1700, 24.7500,
47.0700

60.3020, 14.8500,
28.2420

37.9960, 25.3000,
48.1160

66.1720, 12.1000,
23.0120

71.4550, 9.6250,
18.3050

76.7380, 7.1500,
13.5980

■ 82.0210, 4.6750,
8.8910

■ 87.3040, 2.2000,
4.1840

■ 93.1740, -0.5500,
-1.0460

■ 98.4570, -3.0250,
-5.7530

Harmonies

Analogous

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



50.6420, -27.3300, 21.7420



49.7360, 19.8000, 37.6560



39.9860, 48.4550, 41.4710

Triad

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



49.7360, 19.8000, 37.6560



50.2690, 26.5030, -12.2570



49.7200, -46.3060, -8.8180

Complementary

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



49.7360, 19.8000, 37.6560



62.2640, -19.8000, -37.6560

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.



44.9150, -34.1540, -19.8020



49.7360, 19.8000, 37.6560



45.0870, 3.1680, -24.3840

Square

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



49.7360, 19.8000, 37.6560



48.3630, 47.2700, 2.3580



39.1810, -20.7640, -31.1960



51.7380, -54.7440, 0.9360

Rectangle

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



49.7360, 19.8000, 37.6560



37.8480, 57.3510, 34.4310



39.1810, -20.7640, -31.1960



48.3520, -42.4540, -12.5500

Sweetspot

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



49.7360, 19.8000, 37.6560



103.5640, 7.7000, 14.6440



28.2080, -23.1120, 22.3920



51.0210, 4.6750, 8.8910



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.



49.7360, 19.8000, 37.6560



53.6690, 31.0750, 59.0990



45.6320, 31.3560, 26.4600



43.0650, 1.3750, 2.6150



45.4300, 30.2500, 57.5300



97.8810, 65.1750, 123.9510

Inverse Universe

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



49.7360, 19.8000, 37.6560



53.6690, 31.0750, 59.0990



66.3680, -31.3560, -26.4600



43.0650, 1.3750, 2.6150



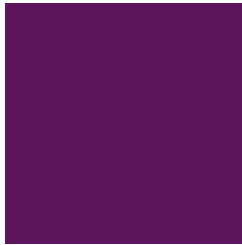
45.4300, 30.2500, 57.5300



97.8810, 65.1750, 123.9510

Previews

White Background



This preview shows how the YIQ color 49.7360, 19.8000, 37.6560 looks on a white background.

Color Contrast Check

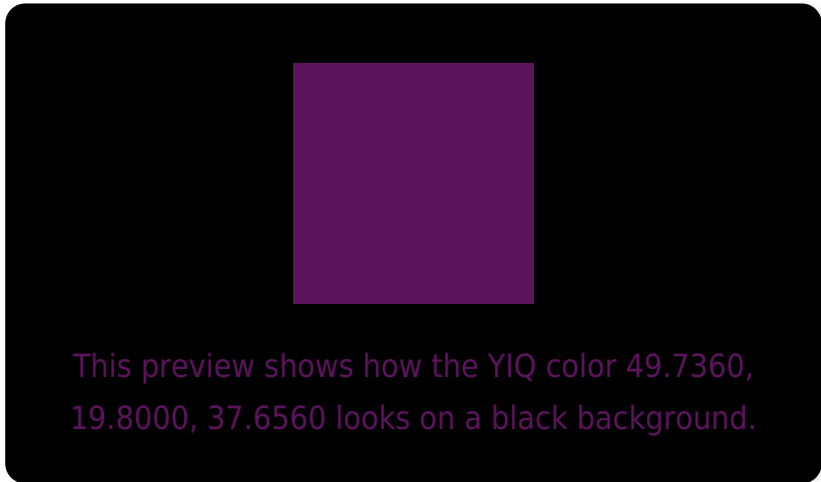
Large Text (above 18pt) WCAG AA ✓ Pass

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

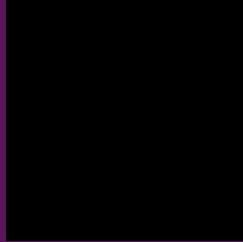
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 49.7360, 19.8000, 37.6560

Background



This preview shows how black text looks on a background with the YIQ color 49.7360, 19.8000, 37.6560.



This preview shows how white text looks on a background with the YIQ color 49.7360, 19.8000,

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, 19.8000, 37.6560

Protanopia

43.8790, -50.5270, 7.1130

Deuteranopia

53.2660, -21.0000, 6.1360



Tritanopia

54.2810, 27.3700, 10.5860

Trichromacy



Original Color

49.7360, 19.8000, 37.6560

Protanomaly

45.9040, -25.3120, 18.2080

Deuteranomaly

51.8430, -6.1470, 17.7970

Tritanomaly

52.8220, 24.7090, 20.2690

Monochromacy



Original Color

49.7360, 19.8000, 37.6560

Achromatopsia

50.0000, -0.0000, -0.0000

Achromatomaly

49.7380, 7.1500, 13.5980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 49.7360, 19.8000, 37.6560 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(92, 20, 92)` looks like.

```
.text, #text, p{  
    color:rgb(92, 20, 92)  
}
```

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(92, 20, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 20, 92) }
```

Border

The CSS property to change the border of an element to YIQ 49.7360, 19.8000, 37.6560 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(92, 20, 92) }
```


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

```
.border{ border-color:rgb(92, 20, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 20, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 20, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 20, 92);  
box-shadow:4px 4px 4px 4px rgb(92, 20, 92)  
}
```

Background

The CSS property to change the background color of an element to YIQ 49.7360, 19.8000, 37.6560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 20, 92) }
```

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

```
.background{ background-color: rgb(92, 20,  
92) }
```

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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