

Converting Colors

YIQ(55.9200, 75.1840, 47.1520)

Have a look what the booklet for
YIQ(55.9200, 75.1840, 47.1520)
contains.

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Color

**YIQ(55.9200, 75.1840,
47.1520)**

Conversions

Conversions Part 1

Format	Color
Hex	9D0535
RGB	157, 5, 53
RGB Percent	62%, 2%, 21%
CMY	0.3839, 0.9806, 0.7919
CMYK	0.00, 0.97, 0.66, 0.38
HSL	341°, 94%, 32%
HSV	341°, 97%, 62%
XYZ	14.6218, 7.5430, 4.0615
YIQ	55.9200, 75.1840, 47.1520

Conversions

Conversions Part 2

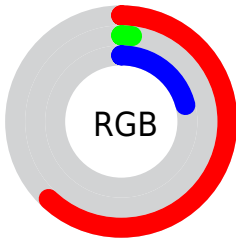
Format	Color
R_{YB}	157, 5, 53
Decimal	10290485
CIE Lab	33.01, 56.65, 17.68
CIE LCh	33, 59.346, 17.332
Yxy	7.5430, 0.5575, 0.2876
Android (android.graphics.Color)	4288480565 (0xFF9D0535)
YUV	55.9200, -1.4396, 88.6472
Hunter-Lab	27.4644, 46.9691, 10.4572

Details

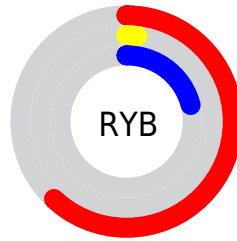
The YIQ color **55.9200, 75.1840, 47.1520** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **106.0800, -75.1840, -47.1520**, and the grayscale version is **56.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **121.6670, 76.9740, 36.7340**, and **30.3280, 55.5190, 23.5750** is the 20% darker color. If you saturate the color by 10%, you get **52.6430, 77.5220, 48.8340**, and if you desaturate by 10%, it is **66.5660, 67.2530, 42.2050**.

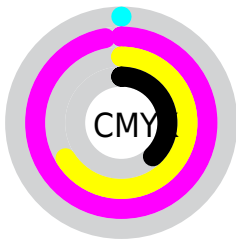
Distribution



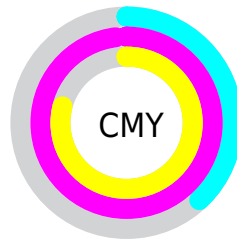
- Red (62%)
- Green (2%)
- Blue (21%)



- Red (62%)
- Yellow (2%)
- Blue (21%)



- Cyan (0%)
- Magenta (97%)
- Yellow (66%)
- Black (38%)





- Cyan (38%)
- Magenta (98%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 55.9200, 75.1840, 47.1520 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 55.9200, 75.1840, 47.1520 by changing the saturation by 10% instead.


 55.9200, 75.1840,
47.1520


 55.9200, 75.1840,
47.1520


255.0000, -0.0000,
-0.0000


 41.6210, 65.4200,
36.8760


 121.6670, 76.9740,
36.7340


 30.3280, 55.5190,
23.5750

 150.2220, 79.7250,
36.4370


 21.0440, 41.3990,
15.1510

 171.4160, 67.2550,
31.1510

 12.0740, 23.5190,
8.7910

 190.8160, 51.2090,
24.5930

 0.0000, 0.0000,
0.0000

 210.4440, 34.5210,
18.6570

 230.6590, 17.5580,

12.1980

250.3040, 2.2000,
4.1840

55.9200, 75.1840,
47.1520

55.9200, 75.1840,
47.1520

52.6430, 77.5220,
48.8340

66.5660, 67.2530,
42.2050

76.6250, 59.5970,
37.7810

87.1570, 51.9870,
32.5230

97.8030, 44.0560,
27.5760

108.4490, 36.1250,
22.6290

■ 118.5080, 28.4690,
18.2050

■ 129.0400, 20.8590,
12.9470

■ 139.6860, 12.9280,
8.0000

■ 149.7450, 5.2720,
3.5760

Harmonies

Analogous

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



61.8210, 53.9540, 57.4580



55.9200, 75.1840, 47.1520



68.7420, 71.2480, 8.3360

Triad

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



55.9200, 75.1840, 47.1520



54.0040, -25.3000, -48.1160



71.6230, -79.0450, 6.3230

Complementary

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



55.9200, 75.1840, 47.1520



106.0800, -75.1840, -47.1520

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.



72.9960, -73.2660, -4.8020



55.9200, 75.1840, 47.1520



62.6220, -44.0550, -33.1030

Square

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



55.9200, 75.1840, 47.1520



70.5370, 19.2160, -28.8800



68.7950, -60.0590, -18.3870



62.7040, -74.5990, 13.8570

Rectangle

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



55.9200, 75.1840, 47.1520



72.5840, 56.5330, -5.8270



68.7950, -60.0590, -18.3870



72.8140, -78.2650, 3.1990

Sweetspot

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



55.9200, 75.1840, 47.1520



164.8070, 29.0650, 18.4170



53.4240, 13.1920, 69.3200



78.1320, 17.6040, 11.3640



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



55.9200, 75.1840, 47.1520



68.4060, 100.7190, 63.4630



66.8840, 82.8920, 17.5800



73.7340, 3.8050, 2.6290



47.8870, 70.7830, 44.3110



5.0550, 7.3350, 4.7350

Inverse Universe

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



55.9200, 75.1840, 47.1520



68.4060, 100.7190, 63.4630



95.1160, -82.8920, -17.5800



73.7340, 3.8050, 2.6290



47.8870, 70.7830, 44.3110



5.0550, 7.3350, 4.7350

Previews

White Background



This preview shows how the YIQ color 55.9200, 75.1840, 47.1520 looks on a white background.

Color Contrast Check

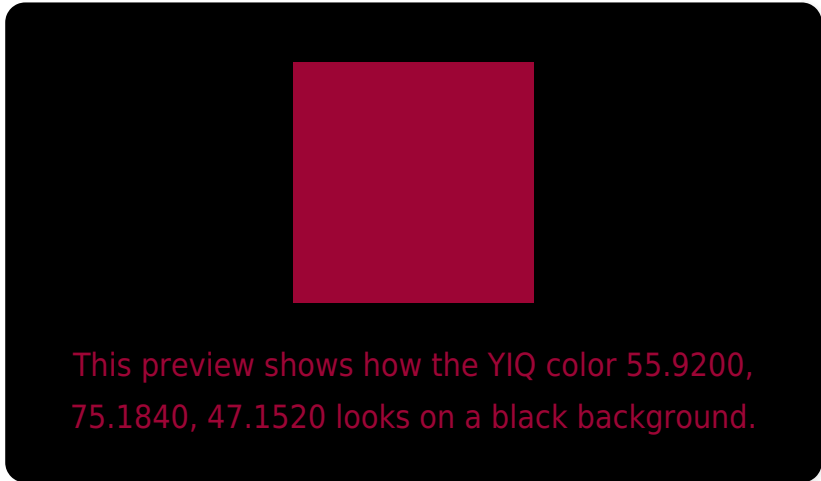
Large Text (above 18pt) WCAG AA ✓ Pass

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

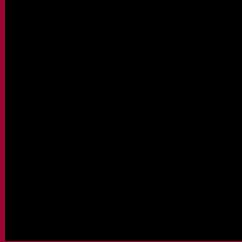
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 55.9200, 75.1840, 47.1520

Background



This preview shows how black text looks on a background with the YIQ color 55.9200, 75.1840, 47.1520.



This preview shows how white text looks on a background with the YIQ color 55.9200, 75.1840,

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

55.9200, 75.1840, 47.1520

Protanopia

80.3700, 1.8340, -0.1980

Deuteranopia

79.7450, 22.4670, -5.1890



Tritanopia

61.7240, 80.8270, 27.4750

Trichromacy



Original Color

55.9200, 75.1840, 47.1520

Protanomaly

71.5680, 28.2400, 16.8480

Deuteranomaly

71.1040, 41.1700, 13.7940

Tritanomaly

59.5700, 78.6250, 34.3450

Monochromacy



Original Color

55.9200, 75.1840, 47.1520

Achromatopsia

56.0000, -0.0000, 0.0000

Achromatomaly

55.7960, 27.5980, 17.4700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 55.9200, 75.1840, 47.1520 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(157, 5, 53)` looks like.

```
.text, #text, p{  
    color:rgb(157, 5, 53)  
}
```

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(157, 5, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 5, 53) }
```

Border

The CSS property to change the border of an element to YIQ 55.9200, 75.1840, 47.1520 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(157, 5, 53) }
```


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

```
.border{ border-color:rgb(157, 5, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 5, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 5, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 5, 53);  
box-shadow:4px 4px 4px 4px rgb(157, 5, 53)  
}
```

Background

The CSS property to change the background color of an element to YIQ 55.9200, 75.1840, 47.1520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 5, 53) }
```

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

```
.background{ background-color: rgb(157, 5,  
53) }
```

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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