

Converting Colors

YIQ(90.7420, 55.1940, 45.9940)

Have a look what the booklet for
YIQ(90.7420, 55.1940, 45.9940)
contains.

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Color

**YIQ(90.7420, 55.1940,
45.9940)**

Conversions

Conversions Part 1

Format	Color
Hex	AC2E6C
RGB	172, 46, 108
RGB Percent	67%, 18%, 42%
CMY	0.3252, 0.8198, 0.5763
CMYK	0.00, 0.73, 0.37, 0.33
HSL	330°, 58%, 43%
HSV	330°, 73%, 67%
XYZ	20.7162, 11.8139, 15.3880
YIQ	90.7420, 55.1940, 45.9940

Conversions

Conversions Part 2

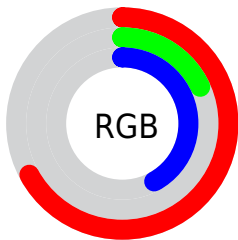
Format	Color
R_{YB}	172, 46, 108
Decimal	11284076
CIE _{Lab}	40.92, 55.56, -6.04
CIE _{LCh}	41, 55.891, 353.795
Yxy	11.8139, 0.4323, 0.2465
Android (android.graphics.Color)	4289474156 (0xFFAC2E6C)
YUV	90.7420, 8.5082, 71.2633
Hunter-Lab	34.3714, 47.4351, -2.4840

Details

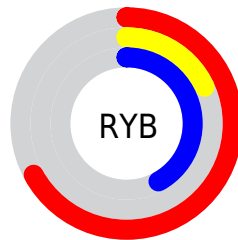
The YIQ color **90.7420, 55.1940, 45.9940** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **127.2580, -55.1940, -45.9940**, and the grayscale version is **91.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **147.6560, 58.3120, 44.5520**, and **41.3390, 48.9590, 43.3510** is the 20% darker color. If you saturate the color by 10%, you get **79.7370, 62.7580, 52.0860**, and if you desaturate by 10%, it is **101.7470, 47.6300, 39.9020**.

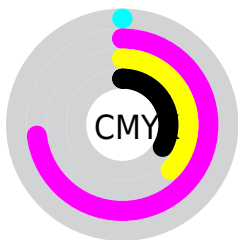
Distribution



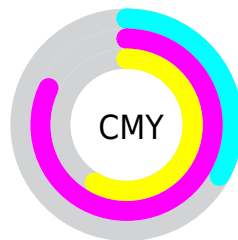
- Red (67%)
- Green (18%)
- Blue (42%)



- Red (67%)
- Yellow (18%)
- Blue (42%)



- Cyan (0%)
- Magenta (73%)
- Yellow (37%)
- Black (33%)





- Cyan (33%)
- Magenta (82%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 90.7420, 55.1940, 45.9940 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 90.7420, 55.1940, 45.9940 by changing the saturation by 10% instead.


 90.7420, 55.1940,
45.9940


 90.7420, 55.1940,
45.9940


255.0000, -0.0000,
-0.0000


 55.2680, 56.8890,
53.8250


 147.6560, 58.3120,
44.5520


 41.3390, 48.9590,
43.3510


 173.7590, 56.5240,
43.9160


 30.4590, 39.3330,
30.5730

 193.3870, 39.8360,
37.9800

 20.7040, 30.8530,
19.0530

 213.0150, 23.1480,
32.0440

 9.0840, 17.5590,
6.6710

 231.5200, 11.0000,
20.9200

 0.0000, 0.0000,
0.0000

 248.5430, 3.0250,

5.7530

■ 90.7420, 55.1940,
45.9940

■ 90.7420, 55.1940,
45.9940

■ 79.7370, 62.7580,
52.0860

■ 101.7470, 47.6300,
39.9020

■ 68.8460, 70.0010,
58.4890

■ 112.7520, 40.0660,
33.8100

■ 61.1180, 75.2270,
62.8990

■ 124.2300, 32.5480,
26.8840

■ 135.2350, 24.9840,
20.7920

■ 146.2400, 17.4200,
14.7000

■ 157.1310, 10.1770,
8.2970

■ 168.1360, 2.6130,
2.2050

■ 179.7280, -5.2260,
-4.4100

■ 190.7330,
-12.7900, -10.5020

Harmonies

Analogous

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



98.4140, 18.0110, 42.5470



90.7420, 55.1940, 45.9940



88.8570, 70.3270, 30.5430

Triad

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



90.7420, 55.1940, 45.9940



86.1530, 19.9970, -37.5310



86.2980, -85.9200, -6.7520

Complementary

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



90.7420, 55.1940, 45.9940



127.2580, -55.1940, -45.9940

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.



83.7270, -74.5470, -20.1390



90.7420, 55.1940, 45.9940



70.6630, -43.2730, -47.2810

Square

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



90.7420, 55.1940, 45.9940



90.7920, 49.4750, -21.0930



77.7820, -59.1850, -34.2330



83.0670, -89.2230, 3.5530

Rectangle

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



90.7420, 55.1940, 45.9940



90.7790, 69.8260, 12.0820



77.7820, -59.1850, -34.2330



85.6310, -82.6640, -10.6960

Sweetspot

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



90.7420, 55.1940, 45.9940



192.3870, 21.5000, 17.8520



79.2010, -2.8980, 52.5420



93.2670, 12.7900, 10.5020



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



90.7420, 55.1940, 45.9940



96.9610, 86.2750, 71.9310



83.6740, 75.0960, 26.7120



81.1470, 4.0800, 3.1520



53.2860, 65.6460, 54.8140



8.1310, 10.1770, 8.2970

Inverse Universe

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



90.7420, 55.1940, 45.9940



96.9610, 86.2750, 71.9310



134.3260, -75.0960, -26.7120



81.1470, 4.0800, 3.1520



53.2860, 65.6460, 54.8140



8.1310, 10.1770, 8.2970

Previews

White Background



This preview shows how the YIQ color 90.7420, 55.1940, 45.9940 looks on a white background.

Color Contrast Check

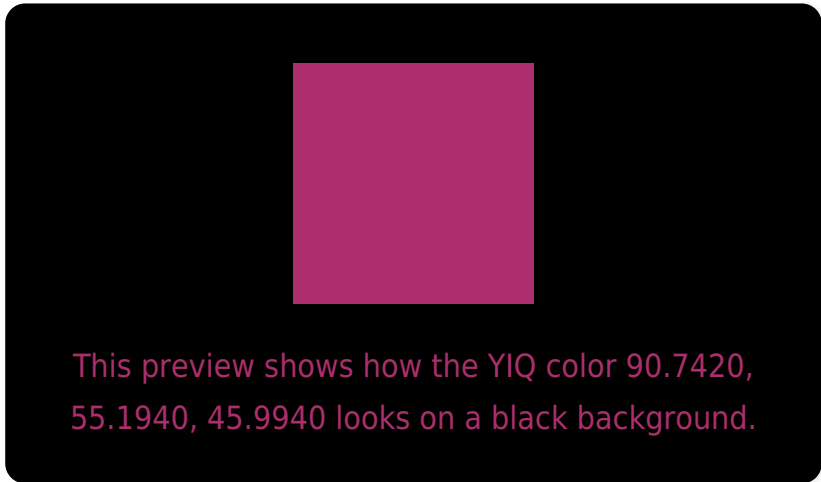
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

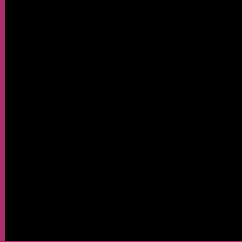
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 90.7420, 55.1940, 45.9940

Background



This preview shows how black text looks on a background with the YIQ color 90.7420, 55.1940, 45.9940.



This preview shows how white text looks on a background with the YIQ color 90.7420, 55.1940,

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

90.7420, 55.1940, 45.9940

Protanopia

97.2430, -22.1930, 11.2390

Deuteranopia

98.7880, 3.7130, 4.2970



Tritanopia

91.6450, 64.8720, 24.7760

Trichromacy



Original Color

90.7420, 55.1940, 45.9940

Protanomaly

94.8770, 5.6810, 23.7050

Deuteranomaly

95.6260, 22.3250, 19.4210

Tritanomaly

91.5340, 61.1110, 32.3670

Monochromacy



Original Color

90.7420, 55.1940, 45.9940

Achromatopsia

91.0000, -0.0000, -0.0000

Achromatomaly

90.9630, 19.7580, 16.3820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 90.7420, 55.1940, 45.9940 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(172, 46, 108)` looks like.

```
.text, #text, p{  
    color:rgb(172, 46, 108)  
}
```

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(172, 46, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 46, 108) }
```

Border

The CSS property to change the border of an element to YIQ 90.7420, 55.1940, 45.9940 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(172, 46, 108) }
```


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

```
.border{ border-color:rgb(172, 46, 108) }
```

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

Here you see how a box with a 4 pixel rgb(172, 46, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 46, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 46, 108);  
box-shadow:4px 4px 4px 4px rgb(172, 46,  
108) }
```

Background

The CSS property to change the background color of an element to YIQ 90.7420, 55.1940, 45.9940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 46, 108) }
```

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

```
.background{ background-color: rgb(172, 46,  
108) }
```

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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