

Converting Colors

YIQ(102.9420, 51.7550, 47.7470)

Have a look what the booklet for
YIQ(102.9420, 51.7550, 47.7470)
contains.

YIQ(102.9420, 51.7550, 47.7470)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(102.9420, 51.7550,
47.7470)**

Conversions

Conversions Part 1

Format	Color
Hex	B63A7F
RGB	182, 58, 127
RGB Percent	71%, 23%, 50%
CMY	0.2859, 0.7727, 0.5018
CMYK	0.00, 0.68, 0.30, 0.29
HSL	327°, 52%, 47%
HSV	327°, 68%, 71%
XYZ	24.6555, 14.5098, 21.5931
YIQ	102.9420, 51.7550, 47.7470

Conversions

Conversions Part 2

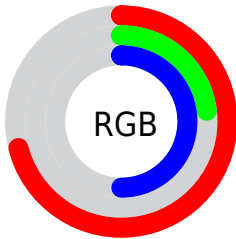
Format	Color
R_{YB}	182, 58, 127
Decimal	11942527
CIE _{Lab}	44.96, 56.14, -11.54
CIE _{LCh}	45, 57.315, 348.389
Yxy	14.5098, 0.4058, 0.2388
Android (android.graphics.Color)	4290132607 (0xFFB63A7F)
YUV	102.9420, 11.8606, 69.3339
Hunter-Lab	38.0917, 48.8767, -6.9456

Details

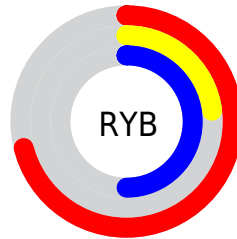
The YIQ color **102.9420, 51.7550, 47.7470** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **137.0580, -51.7550, -47.7470**, and the grayscale version is **103.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **159.4970, 54.5060, 47.4500**, and **46.2670, 49.4620, 50.7580** is the 20% darker color. If you saturate the color by 10%, you get **91.4640, 59.2730, 54.6730**, and if you desaturate by 10%, it is **114.4200, 44.2370, 40.8210**.

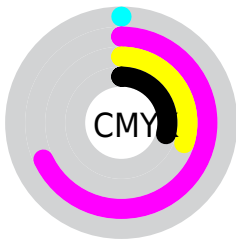
Distribution



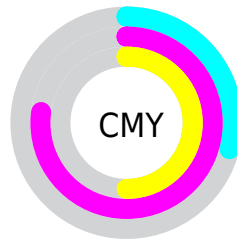
- Red (71%)
- Green (23%)
- Blue (50%)



- Red (71%)
- Yellow (23%)
- Blue (50%)



- Cyan (0%)
- Magenta (68%)
- Yellow (30%)
- Black (29%)



- Cyan (29%)
- Magenta (77%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 102.9420, 51.7550, 47.7470 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 102.9420, 51.7550, 47.7470 by changing the saturation by 10% instead.

102.9420, 51.7550,
47.7470

102.9420, 51.7550,
47.7470

255.0000, -0.0000,
-0.0000

72.0500, 51.5710,
51.0830

159.4970, 54.5060,
47.4500

46.2670, 49.4620,
50.7580

182.6100, 46.7580,
44.6940

35.2730, 40.1570,
37.6690

202.3520, 29.7490,
39.0690

24.8060, 30.8060,
25.4140

221.5410, 15.6750,
29.8110

14.3670, 24.2520,
12.0280

238.5640, 7.7000,
14.6440

0.0000, 0.0000,
0.0000

102.9420, 51.7550,
47.7470

102.9420, 51.7550,
47.7470

91.4640, 59.2730,
54.6730

114.4200, 44.2370,
40.8210

79.9860, 66.7910,
61.5990

125.8980, 36.7190,
33.8950

67.9210, 74.5840,
69.0480

137.9630, 28.9260,
26.4460

65.9320, 76.0510,
69.9950

149.4410, 21.4080,
19.5200


160.9190, 13.8900,
12.5940

172.3970, 6.3720,
5.6680

183.9890, -1.4670,
-0.9470

196.0540, -9.2600,

-8.3960

 207.5320,
-16.7780, -15.3220

Harmonies

Analogous

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



109.1080, 10.1250, 42.2930



102.9420, 51.7550, 47.7470



99.5740, 72.8020, 35.2500

Triad

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



102.9420, 51.7550, 47.7470



96.5300, 29.1210, -37.6870



94.1400, -91.4670, -10.8510

Complementary

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



102.9420, 51.7550, 47.7470



137.0580, -51.7550, -47.7470

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.



90.5260, -78.5350, -24.9590



102.9420, 51.7550, 47.7470



86.8950, -23.3750, -44.4550

Square

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



102.9420, 51.7550, 47.7470



99.9950, 59.1490, -20.2030



84.3530, -62.5310, -39.6750



91.4790, -96.3750, 1.0090

Rectangle

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



102.9420, 51.7550, 47.7470



100.8060, 74.3640, 17.9480



84.3530, -62.5310, -39.6750



93.3590, -87.8900, -15.1060

Sweetspot

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



102.9420, 51.7550, 47.7470



207.0170, 19.6660, 18.0500



88.2820, -7.6200, 50.0120



101.4950, 12.1480, 11.1240



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



102.9420, 51.7550, 47.7470



113.3180, 80.9560, 74.7160



95.9880, 71.3360, 28.7760



86.2610, 3.7590, 3.4630



56.5620, 65.0490, 60.1290



10.1960, 11.5520, 10.9120

Inverse Universe

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



102.9420, 51.7550, 47.7470



113.3180, 80.9560, 74.7160



144.0120, -71.3360, -28.7760



86.2610, 3.7590, 3.4630



56.5620, 65.0490, 60.1290



10.1960, 11.5520, 10.9120

Previews

White Background



This preview shows how the YIQ color 102.9420, 51.7550, 47.7470 looks on a white background.

Color Contrast Check

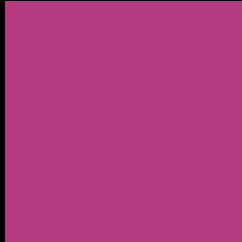
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 102.9420, 51.7550, 47.7470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

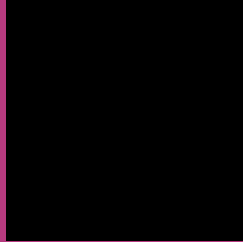
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 102.9420, 51.7550, 47.7470

Background



This preview shows how black text looks on a background with the YIQ color 102.9420, 51.7550, 47.7470.



This preview shows how white text looks on a background with the YIQ color 102.9420, 51.7550,

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

102.9420, 51.7550, 47.7470

Protanopia

106.3010, -28.1080, 13.8120

Deuteranopia

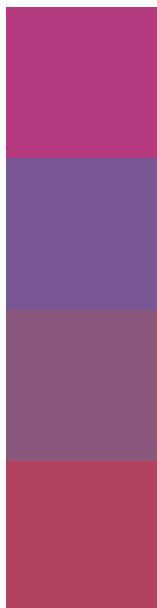
107.9170, -0.9640, 6.4600



Tritanopia

103.5630, 62.1670, 24.2390

Trichromacy



Original Color

102.9420, 51.7550, 47.7470

Protanomaly

105.1200, 0.6830, 26.1790

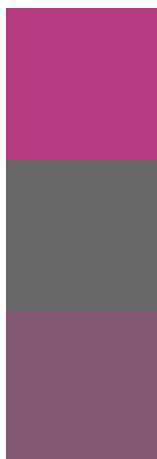
Deuteranomaly

106.0540, 18.2440, 21.7960

Tritanomaly

103.0930, 58.0390, 32.9750

Monochromacy



Original Color

102.9420, 51.7550, 47.7470

Achromatopsia

103.0000, -0.0000, 0.0000

Achromatomaly

103.3050, 18.7950, 17.3150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 102.9420, 51.7550, 47.7470 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(182, 58, 127)` looks like.

```
.text, #text, p{  
    color:rgb(182, 58, 127)  
}
```

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(182, 58, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 58, 127) }
```

Border

The CSS property to change the border of an element to YIQ 102.9420, 51.7550, 47.7470 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(182, 58, 127) }
```


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

```
.border{ border-color:rgb(182, 58, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 58, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 58, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 58, 127);  
box-shadow:4px 4px 4px 4px rgb(182, 58,  
127) }
```

Background

The CSS property to change the background color of an element to YIQ 102.9420, 51.7550, 47.7470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 58, 127) }
```

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

```
.background{ background-color: rgb(182, 58,  
127) }
```

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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