

# Converting Colors

YIQ(95.0320, 15.3100, 19.9020)

Have a look what the booklet for  
YIQ(95.0320, 15.3100, 19.9020)  
contains.

<b>YIQ(95.0320, 15.3100, 19.9020)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(95.0320, 15.3100,  
19.9020)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A4E70
RGB	122, 78, 112
RGB Percent	48%, 31%, 44%
CMY	0.5214, 0.6942, 0.5607
CMYK	0.00, 0.36, 0.08, 0.52
HSL	314°, 22%, 39%
HSV	314°, 36%, 48%
XYZ	13.6788, 10.7561, 16.6870
YIQ	95.0320, 15.3100, 19.9020

# Conversions

## Conversions Part 2

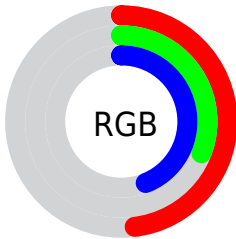
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 78, 112
Decimal	8015472
CIE <sub>Lab</sub>	39.17, 24.24, -11.91
CIE <sub>LCh</sub>	39, 27.006, 333.821
Yxy	10.7561, 0.3326, 0.2616
Android (android.graphics.Color)	4286205552 (0xFF7A4E70)
YUV	95.0320, 8.3652, 23.6509
Hunter-Lab	32.7965, 17.0549, -7.2094

# Details

The YIQ color **95.0320, 15.3100, 19.9020** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **104.9680, -15.3100, -19.9020**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **146.1570, 16.4560, 21.1600**, and **47.6080, 13.5680, 18.4320** is the 20% darker color. If you saturate the color by 10%, you get **87.6460, 19.5730, 25.2450**, and if you desaturate by 10%, it is **102.4180, 11.0470, 14.5590**.

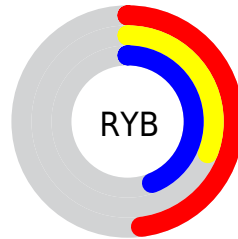
# Distribution



Red (48%)

Green (31%)

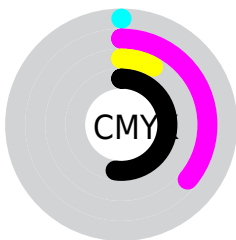
Blue (44%)



Red (48%)

Yellow (31%)

Blue (44%)

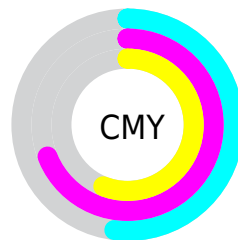


Cyan (0%)

Magenta (36%)

Yellow (8%)

Black (52%)



Cyan (52%)

Magenta (69%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 95.0320, 15.3100, 19.9020 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 95.0320, 15.3100, 19.9020 by changing the saturation by 10% instead.



■ 95.0320, 15.3100,  
19.9020

■ 95.0320, 15.3100,  
19.9020

■ 255.0000, -0.0000,  
-0.0000

■ 70.7330, 14.7140,  
19.6900

■ 146.1570, 16.4560,  
21.1600

■ 47.6080, 13.5680,  
18.4320

■ 172.8690, 17.3270,  
21.8950

■ 25.3090, 12.9720,  
18.2200

■ 200.2820, 17.6020,  
22.4180

■ 11.4780, 10.8180,  
13.2020

■ 227.0860, 15.2180,  
21.5700

■ 0.0000, 0.0000,  
0.0000

■ 244.4340, 4.9500,  
9.4140

■ 95.0320, 15.3100,  
19.9020

■ 95.0320, 15.3100,  
19.9020

■ 87.6460, 19.5730,  
25.2450

■ 102.4180, 11.0470,  
14.5590

■ 80.2600, 23.8360,  
30.5880

■ 109.8040, 6.7840,  
9.2160

■ 72.4010, 28.0530,  
36.7650

■ 117.6630, 2.5670,  
3.0390

■ 65.0150, 32.3160,  
42.1080

■ 125.0490, -1.6960,  
-2.3040

■ 57.6290, 36.5790,  
47.4510

■ 132.4350, -5.9590,  
-7.6470

■ 50.2430, 40.8420,  
52.7940


■ 139.8210,  
-10.2220, -12.9900

■ 47.1940, 42.5380,  
55.0980

■ 147.0930,  
-14.1640, -18.6440

■ 155.0660,

-18.7020, -24.5100

 162.4520,  
-22.9650, -29.8530

# Harmonies

## Analogous

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



93.9030, -6.3760, 16.4400



95.0320, 15.3100, 19.9020



94.3510, 30.3490, 17.1730

# Triad

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



95.0320, 15.3100, 19.9020



90.2730, 20.6800, -11.3520



73.6850, -65.5610, -17.7930

# Complementary

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



95.0320, 15.3100, 19.9020



104.9680, -15.3100, -19.9020

# 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.



75.3520, -51.6220, -22.6140



95.0320, 15.3100, 19.9020



87.7160, 3.0750, -17.1890

# Square

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



95.0320, 15.3100, 19.9020



91.8280, 32.5990, -1.5850



83.9290, -19.5740, -19.7180



76.9230, -62.9950, -9.2270



# Rectangle

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



95.0320, 15.3100, 19.9020



93.3420, 34.5680, 12.2960



83.9290, -19.5740, -19.7180



73.4740, -63.5890, -20.4930

# Sweetspot

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



95.0320, 15.3100, 19.9020



147.5650, 5.9590, 7.6470



86.0060, -8.1640, 15.8040



72.9020, 3.3920, 4.6080



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000



# Same Dimension

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



95.0320, 15.3100, 19.9020



116.3740, 23.5150, 30.8990



92.5240, 22.3720, 13.0600



57.3640, 1.9710, 2.8270



48.4330, 43.3630, 56.6670



97.5780, 87.5970, 114.0690



# Inverse Universe

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



95.0320, 15.3100, 19.9020



116.3740, 23.5150, 30.8990



107.4760, -22.3720, -13.0600



57.3640, 1.9710, 2.8270



48.4330, 43.3630, 56.6670

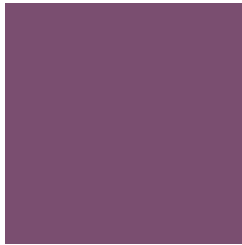


97.5780, 87.5970, 114.0690



# Previews

## White Background



This preview shows how the YIQ color 95.0320, 15.3100, 19.9020 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

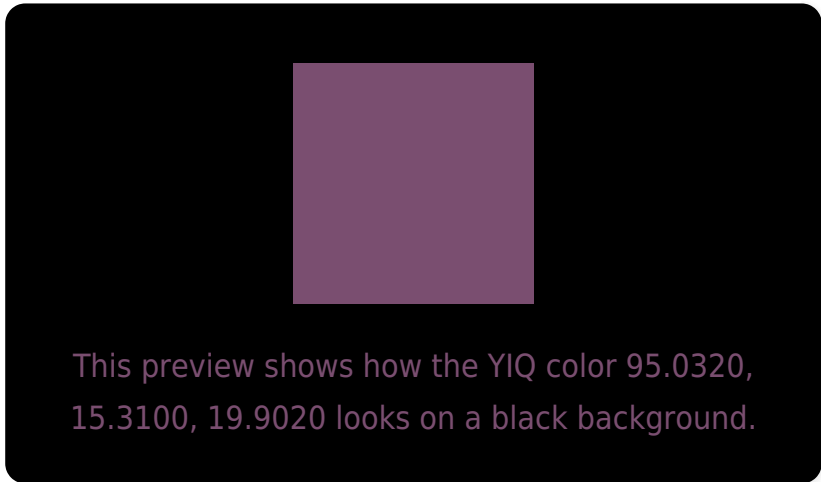
Any Text WCAG AA ✓ Pass

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

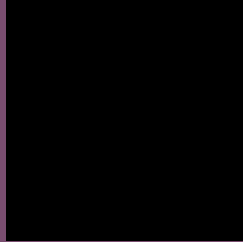
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YIQ 95.0320, 15.3100, 19.9020

## Background



This preview shows how black text looks on a background with the YIQ color 95.0320, 15.3100, 19.9020.



This preview shows how white text looks on a background with the YIQ color 95.0320, 15.3100,



# 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

95.0320, 15.3100, 19.9020

### Protanopia

93.0280, -14.3980, 7.6340

### Deuteranopia

93.1770, -4.6320, 6.8560



## Tritanopia

94.4480, 19.5300, 9.4980

# Trichromacy



## Original Color

95.0320, 15.3100, 19.9020

## Protanomaly

93.8230, -3.3950, 11.9730

## Deuteranomaly

94.2320, 2.7030, 11.5910

## Tritanomaly

94.4850, 18.1080, 13.2440

# Monochromacy



## Original Color

95.0320, 15.3100, 19.9020

## Achromatopsia

95.0000, -0.0000, -0.0000

## Achromatomaly

95.1520, 5.6840, 7.1240

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 95.0320, 15.3100, 19.9020 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(122, 78, 112)` looks like.

```
.text, #text, p{  
    color:rgb(122, 78, 112)  
}
```

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(122, 78, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 78, 112) }
```

## Border

The CSS property to change the border of an element to YIQ 95.0320, 15.3100, 19.9020 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(122, 78, 112) }
```



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

```
.border{ border-color:rgb(122, 78, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 78, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(122, 78, 112); -webkit-box-shadow:4px 4px 4px 4px rgb(122, 78, 112); box-shadow:4px 4px 4px 4px rgb(122, 78, 112) }
```

# Background

The CSS property to change the background color of an element to YIQ 95.0320, 15.3100, 19.9020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 78, 112) }
```

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

```
.background{ background-color: rgb(122, 78,  
112) }
```

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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