

Converting Colors

YIQ(93.0320, 15.3100, 19.9020)

Have a look what the booklet for
YIQ(93.0320, 15.3100, 19.9020)
contains.

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Color

**YIQ(93.0320, 15.3100,
19.9020)**

Conversions

Conversions Part 1

Format	Color
Hex	784C6E
RGB	120, 76, 110
RGB Percent	47%, 30%, 43%
CMY	0.5293, 0.7020, 0.5686
CMYK	0.00, 0.37, 0.08, 0.53
HSL	314°, 22%, 38%
HSV	314°, 37%, 47%
XYZ	13.1483, 10.2877, 16.0471
YIQ	93.0320, 15.3100, 19.9020

Conversions

Conversions Part 2

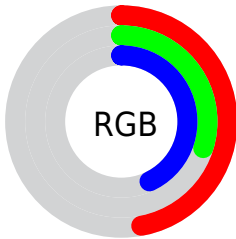
Format	Color
R_{YB}	120, 76, 110
Decimal	7883886
CIE _{Lab}	38.35, 24.31, -11.93
CIE _{LCh}	38, 27.077, 333.859
Yxy	10.2877, 0.3330, 0.2606
Android (android.graphics.Color)	4286073966 (0xFF784C6E)
YUV	93.0320, 8.3652, 23.6509
Hunter-Lab	32.0744, 17.0424, -7.2111

Details

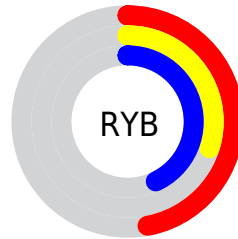
The YIQ color **93.0320, 15.3100, 19.9020** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **102.9680, -15.3100, -19.9020**, and the grayscale version is **93.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **144.1570, 16.4560, 21.1600**, and **45.6080, 13.5680, 18.4320** is the 20% darker color. If you saturate the color by 10%, you get **85.6460, 19.5730, 25.2450**, and if you desaturate by 10%, it is **100.4180, 11.0470, 14.5590**.

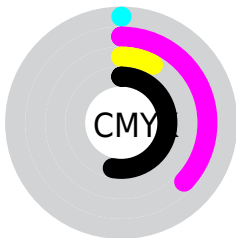
Distribution



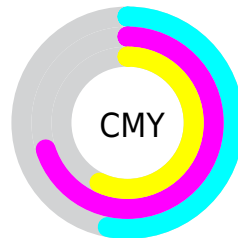
- Red (47%)
- Green (30%)
- Blue (43%)



- Red (47%)
- Yellow (30%)
- Blue (43%)



- Cyan (0%)
- Magenta (37%)
- Yellow (8%)
- Black (53%)



- Cyan (53%)
- Magenta (70%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 93.0320, 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 93.0320, 15.3100, 19.9020 by changing the saturation by 10% instead.

93.0320, 15.3100,
19.9020

93.0320, 15.3100,
19.9020

255.0000, -0.0000,
-0.0000

69.3200, 14.4390,
19.1670

144.1570, 16.4560,
21.1600

45.6080, 13.5680,
18.4320

170.8690, 17.3270,
21.8950

23.3090, 12.9720,
18.2200

198.1680, 17.9230,
22.1070

10.0540, 9.0760,
11.7320

225.0970, 16.6850,
22.5170

0.0000, 0.0000,
0.0000

243.2600, 5.5000,
10.4600

93.0320, 15.3100,
19.9020

93.0320, 15.3100,
19.9020

85.6460, 19.5730,
25.2450

100.4180, 11.0470,
14.5590

78.3740, 23.5150,
30.8990

107.6900, 7.1050,
8.9050

70.9880, 27.7780,
36.2420

115.0760, 2.8420,
3.5620

63.6020, 32.0410,
41.5850

122.4620, -1.4210,
-1.7810

56.2160, 36.3040,
46.9280

129.8480, -5.6840,
-7.1240

48.9440, 40.2460,
52.5820


137.1200, -9.6260,
-12.7780

46.4820, 41.6670,
54.3630

144.5060,
-13.8890, -18.1210

151.8920,

-18.1520, -23.4640

 159.2780,
-22.4150, -28.8070

Harmonies

Analogous

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



92.4900, -6.6510, 15.9170



93.0320, 15.3100, 19.9020



92.0520, 29.7530, 16.9610

Triad

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



93.0320, 15.3100, 19.9020



88.2730, 20.6800, -11.3520



72.2830, -64.3690, -17.3690

Complementary

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



93.0320, 15.3100, 19.9020



102.9680, -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.



72.4550, -53.4100, -23.2500



93.0320, 15.3100, 19.9020



85.7160, 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.



93.0320, 15.3100, 19.9020



89.8280, 32.5990, -1.5850



81.9290, -19.5740, -19.7180



73.4280, -65.9750, -10.2870

Rectangle

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



93.0320, 15.3100, 19.9020



91.3420, 34.5680, 12.2960



81.9290, -19.5740, -19.7180



72.0720, -62.3970, -20.0690

Sweetspot

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



93.0320, 15.3100, 19.9020



144.9780, 6.2340, 8.1700



84.0060, -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.



93.0320, 15.3100, 19.9020



113.6730, 24.1110, 31.1110



90.5240, 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.



93.0320, 15.3100, 19.9020



113.6730, 24.1110, 31.1110



105.4760, -22.3720, -13.0600



57.3640, 1.9710, 2.8270



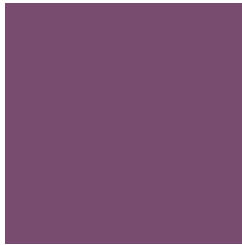
48.4330, 43.3630, 56.6670



97.5780, 87.5970, 114.0690

Previews

White Background



This preview shows how the YIQ color 93.0320, 15.3100, 19.9020 looks on a white background.

Color Contrast Check

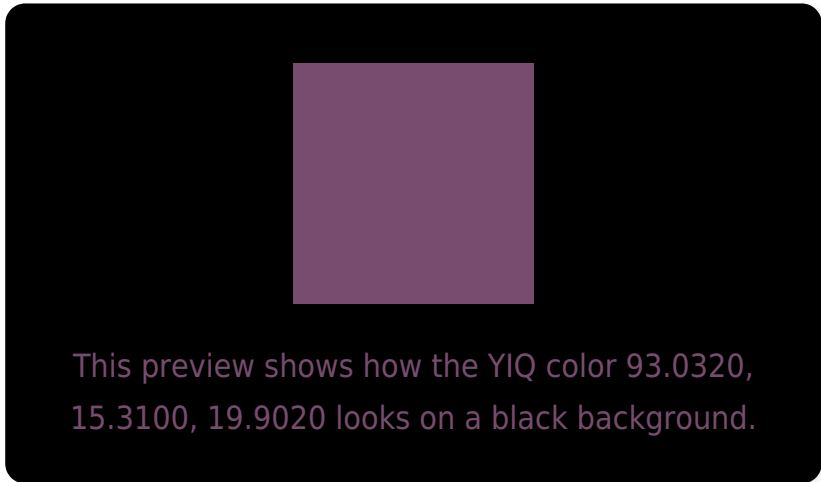
Large Text (above 18pt) WCAG AA ✓ Pass

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

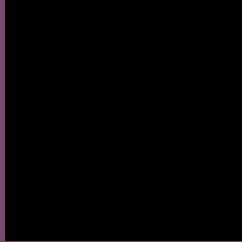
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 93.0320, 15.3100, 19.9020

Background



This preview shows how black text looks on a background with the YIQ color 93.0320, 15.3100, 19.9020.



This preview shows how white text looks on a background with the YIQ color 93.0320, 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

93.0320, 15.3100, 19.9020

Protanopia

91.0280, -14.3980, 7.6340

Deuteranopia

91.7640, -4.9070, 6.3330



Tritanopia

92.4480, 19.5300, 9.4980

Trichromacy



Original Color

93.0320, 15.3100, 19.9020

Protanomaly

91.8230, -3.3950, 11.9730

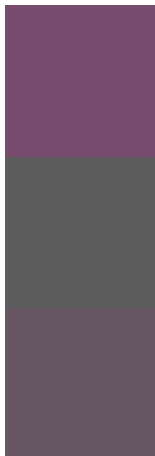
Deuteranomaly

92.2320, 2.7030, 11.5910

Tritanomaly

92.4850, 18.1080, 13.2440

Monochromacy



Original Color

93.0320, 15.3100, 19.9020

Achromatopsia

93.0000, -0.0000, -0.0000

Achromatomaly

93.1520, 5.6840, 7.1240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 93.0320, 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(120, 76, 110)` looks like.

```
.text, #text, p{  
    color:rgb(120, 76, 110)  
}
```

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(120, 76, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 76, 110) }
```

Border

The CSS property to change the border of an element to YIQ 93.0320, 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(120, 76, 110) }
```


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

```
.border{ border-color:rgb(120, 76, 110) }
```

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

Here you see how a box with a 4 pixel rgb(120, 76, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 76, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 76, 110);  
box-shadow:4px 4px 4px 4px rgb(120, 76,  
110) }
```

Background

The CSS property to change the background color of an element to YIQ 93.0320, 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(120, 76, 110) }
```

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

```
.background{ background-color: rgb(120, 76,  
110) }
```

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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