

Converting Colors

YIQ(95.9730, 22.9660, 24.3260)

Have a look what the booklet for
YIQ(95.9730, 22.9660, 24.3260)
contains.

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Color

**YIQ(95.9730, 22.9660,
24.3260)**

Conversions

Conversions Part 1

Format	Color
Hex	854A70
RGB	133, 74, 112
RGB Percent	52%, 29%, 44%
CMY	0.4783, 0.7099, 0.5607
CMYK	0.00, 0.44, 0.16, 0.48
HSL	321°, 29%, 41%
HSV	321°, 44%, 52%
XYZ	15.0521, 11.0544, 16.6742
YIQ	95.9730, 22.9660, 24.3260

Conversions

Conversions Part 2

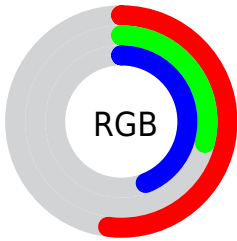
Format	Color
R_{YB}	133, 74, 112
Decimal	8735344
CIE _{Lab}	39.67, 30.55, -11.02
CIE _{LCh}	40, 32.474, 340.171
Yxy	11.0544, 0.3518, 0.2584
Android (android.graphics.Color)	4286925424 (0xFF854A70)
YUV	95.9730, 7.9013, 32.4727
Hunter-Lab	33.2482, 22.6262, -6.4607

Details

The YIQ color **95.9730, 22.9660, 24.3260** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **111.0270, -22.9660, -24.3260**, and the grayscale version is **96.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **147.3970, 24.7080, 25.7960**, and **47.0760, 21.1780, 23.6900** is the 20% darker color. If you saturate the color by 10%, you get **87.7720, 28.1460, 29.5700**, and if you desaturate by 10%, it is **104.1740, 17.7860, 19.0820**.

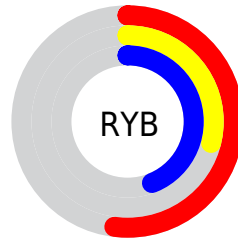
Distribution



Red (52%)

Green (29%)

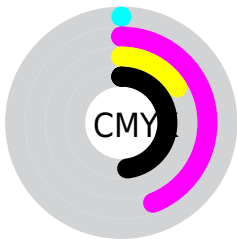
Blue (44%)



Red (52%)

Yellow (29%)

Blue (44%)

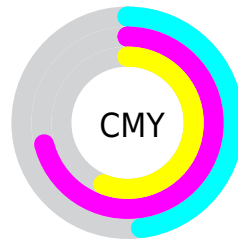


Cyan (0%)

Magenta (44%)

Yellow (16%)

Black (48%)



Cyan (48%)

Magenta (71%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 95.9730, 22.9660, 24.3260 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 95.9730, 22.9660, 24.3260 by changing the saturation by 10% instead.

■ 95.9730, 22.9660,
24.3260

■ 95.9730, 22.9660,
24.3260

■ 255.0000, -0.0000,
-0.0000

■ 71.3750, 21.7740,
23.9020

■ 147.3970, 24.7080,
25.7960

■ 47.0760, 21.1780,
23.6900

■ 174.9950, 25.9000,
26.2200

■ 23.0050, 19.9400,
24.1000

■ 202.7070, 26.7710,
26.9550

■ 13.8700, 15.5860,
14.8980

■ 224.7380, 16.3180,
23.6620

■ 0.0000, 0.0000,
0.0000

■ 242.6730, 5.7750,
10.9830

95.9730, 22.9660,
24.3260

95.9730, 22.9660,
24.3260

87.7720, 28.1460,
29.5700

104.1740, 17.7860,
19.0820

79.0980, 33.2800,
35.6480

112.8480, 12.6520,
13.0040

70.8970, 38.4600,
40.8920

121.0490, 7.4720,
7.7600

62.6960, 43.6400,
46.1360

129.2500, 2.2920,
2.5160

53.9080, 49.0950,
51.9030

137.4510, -2.8880,
-2.7280


49.5710, 51.6620,
54.9420

146.1250, -8.0220,
-8.8060

154.3260,
-13.2020, -14.0500

162.5270,

-18.3820, -19.2940

 171.3150,
-23.8370, -25.0610

Harmonies

Analogous

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



95.9900, -2.0670, 20.9490



95.9730, 22.9660, 24.3260



94.1240, 38.4180, 19.6180

Triad

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



95.9730, 22.9660, 24.3260



90.4100, 21.5520, -16.1440



76.7000, -69.9170, -15.9410

Complementary

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



95.9730, 22.9660, 24.3260



111.0270, -22.9660, -24.3260

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.



74.4370, -62.1670, -24.2390



95.9730, 22.9660, 24.3260



87.3300, -1.8300, -21.9100

Square

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



95.9730, 22.9660, 24.3260



92.4600, 36.4510, -5.3170



80.3400, -34.1530, -25.3290



75.5890, -73.6780, -8.3500

Rectangle

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



95.9730, 22.9660, 24.3260



93.6480, 42.4540, 12.5500



80.3400, -34.1530, -25.3290



75.7880, -67.3490, -18.4290

Sweetspot

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



95.9730, 22.9660, 24.3260



159.1740, 8.6180, 9.0180



87.0050, -6.4230, 22.8010



78.2120, 5.4550, 5.7670



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



95.9730, 22.9660, 24.3260



115.3480, 35.5720, 38.1640



92.6670, 32.2750, 15.3070



62.2500, 2.2920, 2.5160



48.4460, 50.5160, 53.6840



1.1250, 1.1460, 1.2580

Inverse Universe

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



95.9730, 22.9660, 24.3260



115.3480, 35.5720, 38.1640



114.3330, -32.2750, -15.3070



62.2500, 2.2920, 2.5160



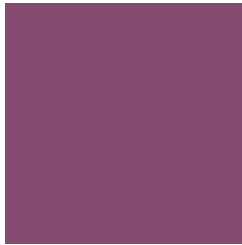
48.4460, 50.5160, 53.6840



1.1250, 1.1460, 1.2580

Previews

White Background



This preview shows how the YIQ color 95.9730, 22.9660, 24.3260 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

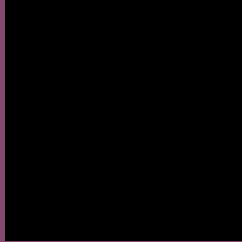
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 95.9730, 22.9660, 24.3260

Background



This preview shows how black text looks on a background with the YIQ color 95.9730, 22.9660, 24.3260.



This preview shows how white text looks on a background with the YIQ color 95.9730, 22.9660,

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

95.9730, 22.9660, 24.3260

Protanopia

94.2560, -15.0400, 8.2560

Deuteranopia

95.1340, -3.0730, 6.1350



Tritanopia

94.9330, 28.4700, 12.6780

Trichromacy



Original Color

95.9730, 22.9660, 24.3260

Protanomaly

94.6600, -1.3780, 13.9660

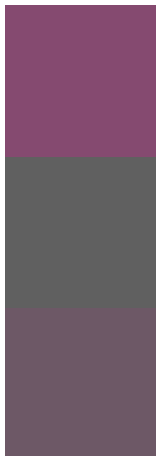
Deuteranomaly

95.0260, 6.2790, 12.8630

Tritanomaly

95.1980, 26.4060, 17.0460

Monochromacy



Original Color

95.9730, 22.9660, 24.3260

Achromatopsia

96.0000, -0.0000, 0.0000

Achromatomaly

95.8750, 8.0220, 8.8060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.9730, 22.9660, 24.3260 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(133, 74, 112)` looks like.

```
.text, #text, p{  
    color:rgb(133, 74, 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(133, 74, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 74, 112) }
```

Border

The CSS property to change the border of an element to YIQ 95.9730, 22.9660, 24.3260 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(133, 74, 112) }
```


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

```
.border{ border-color:rgb(133, 74, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 74, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 74, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 74, 112);  
box-shadow:4px 4px 4px 4px rgb(133, 74,  
112) }
```

Background

The CSS property to change the background color of an element to YIQ 95.9730, 22.9660, 24.3260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 74, 112) }
```

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

```
.background{ background-color: rgb(133, 74,  
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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