

Converting Colors

YIQ(95.0770, 36.6320, 7.9280)

Have a look what the booklet for
YIQ(95.0770, 36.6320, 7.9280)
contains.

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Color

**YIQ(95.0770, 36.6320,
7.9280)**

Conversions

Conversions Part 1

Format	Color
Hex	875044
RGB	135, 80, 68
RGB Percent	53%, 31%, 27%
CMY	0.4705, 0.6863, 0.7332
CMYK	0.00, 0.41, 0.50, 0.47
HSL	11°, 33%, 40%
HSV	11°, 50%, 53%
XYZ	13.9083, 11.3053, 6.9242
YIQ	95.0770, 36.6320, 7.9280

Conversions

Conversions Part 2

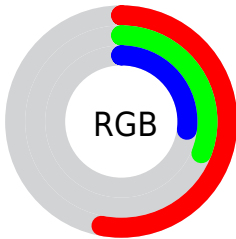
Format	Color
R_{YB}	135, 83, 68
Decimal	8867908
CIE _{Lab}	40.09, 21.71, 16.88
CIE _{LCh}	40, 27.501, 37.856
Yxy	11.3053, 0.4328, 0.3518
Android (android.graphics.Color)	4287057988 (0xFF875044)
YUV	95.0770, -13.3490, 35.0125
Hunter-Lab	33.6233, 14.9958, 11.3264

Details

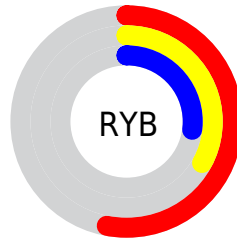
The YIQ color **95.0770, 36.6320, 7.9280** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **107.9230, -36.6320, -7.9280**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **146.6430, 40.8500, 8.5780**, and **47.3260, 31.4970, 7.3770** is the 20% darker color. If you saturate the color by 10%, you get **87.1380, 43.8300, 9.6380**, and if you desaturate by 10%, it is **103.1300, 29.1130, 6.5290**.

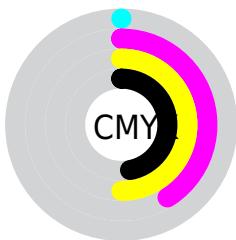
Distribution



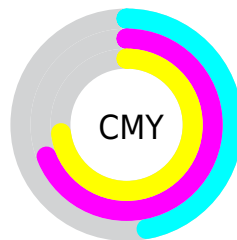
- Red (53%)
- Green (31%)
- Blue (27%)



- Red (53%)
- Yellow (33%)
- Blue (27%)



- Cyan (0%)
- Magenta (41%)
- Yellow (50%)
- Black (47%)



- Cyan (47%)
- Magenta (69%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 95.0770, 36.6320, 7.9280 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 95.0770, 36.6320, 7.9280 by changing the saturation by 10% instead.

■ 95.0770, 36.6320,
7.9280

■ 95.0770, 36.6320,
7.9280

255.0000, -0.0000,
-0.0000

■ 70.4080, 34.2020,
7.9140

■ 146.6430, 40.8500,
8.5780

■ 47.3260, 31.4970,
7.3770

■ 173.2410, 42.0420,
9.0020

■ 24.3860, 31.2680,
6.0200

■ 201.0240, 44.1510,
9.3270

■ 10.8780, 21.1350,
7.9430

■ 222.4460, 31.0390,
4.6630

■ 0.0000, 0.0000,
0.0000

■ 241.9600, 14.6720,
-1.5840

254.6580, 0.9630,

-0.9330

■ 95.0770, 36.6320,
7.9280

■ 95.0770, 36.6320,
7.9280

■ 87.1380, 43.8300,
9.6380

■ 103.1300, 29.1130,
6.5290

■ 79.0850, 51.3490,
11.0370

■ 111.0690, 21.9150,
4.8190

■ 71.1460, 58.5470,
12.7470

■ 119.1220, 14.3960,
3.4200

■ 63.0930, 66.0660,
14.1460

■ 127.0610, 7.1980,
1.7100

■ 54.5670, 73.5390,
16.3790

■ 135.1140, -0.3210,
0.3110

■ 54.4530, 73.8600,
16.0680

■ 143.6400, -7.7940,
-1.9220

■ 151.6930,
-15.3130, -3.3210

■ 159.6320,
-22.5110, -5.0310

■ 167.6850,
-30.0300, -6.4300

Harmonies

Analogous

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



95.7210, 32.1830, 16.9750



95.0770, 36.6320, 7.9280



93.8880, 32.3700, -2.9420

Triad

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



95.0770, 36.6320, 7.9280



85.3630, -23.7920, -20.3680



92.5410, -29.0240, 8.3840

Complementary

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



95.0770, 36.6320, 7.9280



107.9230, -36.6320, -7.9280

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.



81.3690, -58.3190, -5.8630



95.0770, 36.6320, 7.9280



74.2200, -60.0580, -23.9140

Square

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



95.0770, 36.6320, 7.9280



89.5200, 0.6910, -18.0370



75.4290, -67.7160, -17.2840



96.6970, -2.8000, 17.7120

Rectangle

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



95.0770, 36.6320, 7.9280



93.0670, 24.2560, -10.0800



75.4290, -67.7160, -17.2840



89.5290, -37.9180, 4.3700

Sweetspot

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



95.0770, 36.6320, 7.9280



160.1220, 14.3960, 3.4200



94.4170, 21.9560, 31.6200



79.5450, 8.7110, 1.8230



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



95.0770, 36.6320, 7.9280



112.8470, 57.9510, 12.5350



114.4480, 27.5570, -9.3310



62.3810, 3.3010, 0.7490



52.3710, 71.1550, 15.5310



0.8970, 1.7880, 0.6360

Inverse Universe

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



107.9230, -36.6320, -7.9280



133.1530, -57.9510, -12.5350



88.5520, -27.5570, 9.3310



63.6190, -3.3010, -0.7490



77.6290, -71.1550, -15.5310



1.5160, -1.5130, -0.1130

Previews

White Background



This preview shows how the YIQ color 95.0770, 36.6320, 7.9280 looks on a white background.

Color Contrast Check

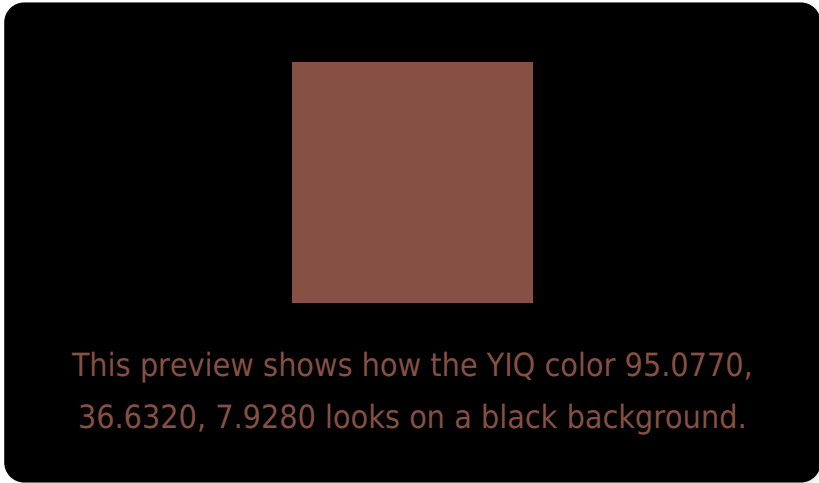
Large Text (above 18pt) WCAG AA ✓ Pass

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

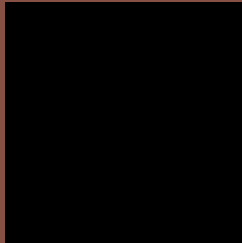
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 95.0770, 36.6320, 7.9280

Background



This preview shows how black text looks on a background with the YIQ color 95.0770, 36.6320, 7.9280.



This preview shows how white text looks on a background with the YIQ color 95.0770, 36.6320,

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

95.0770, 36.6320, 7.9280

Protanopia

94.5140, 9.9960, -4.9480

Deuteranopia

94.7280, 21.1370, -3.1110



Tritanopia

95.9120, 32.9630, 13.8510

Trichromacy



Original Color

95.0770, 36.6320, 7.9280

Protanomaly

94.8250, 19.4860, -0.7220

Deuteranomaly

94.8860, 26.6840, 0.9880

Tritanomaly

95.9290, 34.2930, 11.7730

Monochromacy



Original Color

95.0770, 36.6320, 7.9280

Achromatopsia

95.0000, -0.0000, -0.0000

Achromatomaly

95.4100, 13.5250, 2.6850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.0770, 36.6320, 7.9280 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(135, 80, 68)` looks like.

```
.text, #text, p{  
    color:rgb(135, 80, 68)  
}
```

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(135, 80, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 80, 68) }
```

Border

The CSS property to change the border of an element to YIQ 95.0770, 36.6320, 7.9280 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(135, 80, 68) }
```


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

```
.border{ border-color:rgb(135, 80, 68) }
```

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

Here you see how a box with a 4 pixel rgb(135, 80, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 80, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 80, 68);  
box-shadow:4px 4px 4px 4px rgb(135, 80,  
68) }
```

Background

The CSS property to change the background color of an element to YIQ 95.0770, 36.6320, 7.9280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 80, 68) }
```

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

```
.background{ background-color: rgb(135, 80,  
68) }
```

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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