

Converting Colors

YIQ(97.4220, 22.4190, 6.6990)

Have a look what the booklet for
YIQ(97.4220, 22.4190, 6.6990)
contains.

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Color

**YIQ(97.4220, 22.4190,
6.6990)**

Conversions

Conversions Part 1

Format	Color
Hex	7B5754
RGB	123, 87, 84
RGB Percent	48%, 34%, 33%
CMY	0.5176, 0.6589, 0.6705
CMYK	0.00, 0.29, 0.32, 0.52
HSL	5°, 19%, 41%
HSV	5°, 32%, 48%
XYZ	13.1796, 11.6669, 9.9496
YIQ	97.4220, 22.4190, 6.6990

Conversions

Conversions Part 2

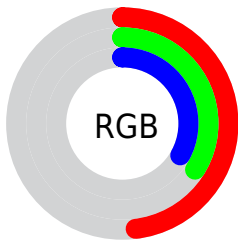
Format	Color
RYB	123, 87, 84
Decimal	8083284
CIELab	40.68, 14.48, 7.64
CIElCh	41, 16.372, 27.832
Yxy	11.6669, 0.3788, 0.3353
Android (android.graphics.Color)	4286273364 (0xFF7B5754)
YUV	97.4220, -6.6170, 22.4319
Hunter-Lab	34.1569, 9.1003, 6.6392

Details

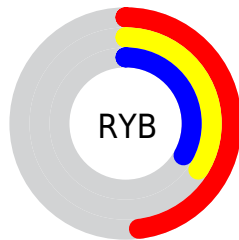
The YIQ color **97.4220, 22.4190, 6.6990** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **109.5780, -22.4190, -6.6990**, and the grayscale version is **97.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **148.2050, 24.5280, 7.0240**, and **50.3400, 19.7140, 6.1620** is the 20% darker color. If you saturate the color by 10%, you get **89.5970, 29.2960, 8.7200**, and if you desaturate by 10%, it is **105.2470, 15.5420, 4.6780**.

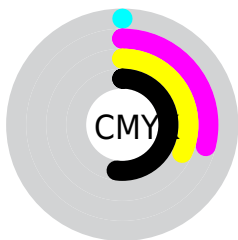
Distribution



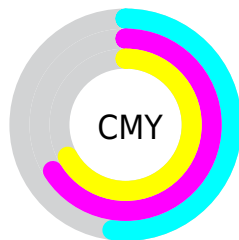
- Red (48%)
- Green (34%)
- Blue (33%)



- Red (48%)
- Yellow (34%)
- Blue (33%)



- Cyan (0%)
- Magenta (29%)
- Yellow (32%)
- Black (52%)



- Cyan (52%)
- Magenta (66%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 97.4220, 22.4190, 6.6990 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 97.4220, 22.4190, 6.6990 by changing the saturation by 10% instead.

■ 97.4220, 22.4190,
6.6990

■ 97.4220, 22.4190,
6.6990

255.0000, -0.0000,
-0.0000

■ 73.8240, 21.2270,
6.2750

■ 148.3190, 24.2070,
7.3350

■ 50.3400, 19.7140,
6.1620

■ 174.9170, 25.3990,
7.7590

■ 28.5570, 17.6050,
5.8370

■ 203.1020, 26.3160,
7.6600

■ 8.6710, 17.2840,
6.1480

■ 228.6070, 23.3360,
6.6000

■ 0.0000, 0.0000,
0.0000

■ 248.9360, 6.0520,
0.4520

■ 97.4220, 22.4190,
6.6990

■ 97.4220, 22.4190,
6.6990

■ 89.5970, 29.2960,
8.7200

■ 105.2470, 15.5420,
4.6780

■ 81.0710, 36.7690,
10.9530

■ 113.7730, 8.0690,
2.4450

■ 73.2460, 43.6460,
12.9740

■ 121.5980, 1.1920,
0.4240

■ 65.4210, 50.5230,
14.9950

■ 129.4230, -5.6850,
-1.5970

■ 57.0090, 57.6750,
17.5390

■ 137.9490,
-13.1580, -3.8300

■ 49.0700, 64.8730,
19.2490

■ 145.7740,
-20.0350, -5.8510

■ 42.0600, 70.8330,
21.3690

■ 154.1860,
-27.1870, -8.3950

■ 162.0110,

-34.0640, -10.4160

■ 169.9500,
-41.2620, -12.1260

Harmonies

Analogous

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



97.7190, 17.3290, 10.8410



97.4220, 22.4190, 6.6990



96.5480, 21.8240, 0.9600

Triad

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



97.4220, 22.4190, 6.6990



92.1310, -8.1590, -11.8310



94.1690, -19.3490, 3.7470

Complementary

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



97.4220, 22.4190, 6.6990



109.5780, -22.4190, -6.6990

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.



91.2770, -28.7010, -2.9810



97.4220, 22.4190, 6.6990



90.0140, -20.9510, -11.2790

Square

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



97.4220, 22.4190, 6.6990



93.8290, 4.4950, -9.8810



89.8160, -29.0210, -8.1970



97.2740, -6.2830, 9.2450

Rectangle

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



97.4220, 22.4190, 6.6990



95.7600, 18.1110, -3.3370



89.8160, -29.0210, -8.1970



93.5490, -23.4750, 1.4290

Sweetspot

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



97.4220, 22.4190, 6.6990



150.3710, 9.2610, 2.8690



99.7650, 11.6880, 19.4640



75.5770, 5.6850, 1.5970



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



97.4220, 22.4190, 6.6990



120.5870, 35.2560, 10.8400



108.5750, 17.1940, -3.2380



57.3810, 3.3010, 0.7490



42.6580, 72.0250, 21.7930



86.5010, 144.9670, 43.4870

Inverse Universe

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



109.5780, -22.4190, -6.6990



139.8260, -34.9810, -10.3170



98.4250, -17.1940, 3.2380



59.2060, -3.5760, -1.2720



81.7550, -71.7500, -21.2700



165.4990, -144.9670, -43.4870

Previews

White Background



This preview shows how the YIQ color 97.4220, 22.4190, 6.6990 looks on a white background.

Color Contrast Check

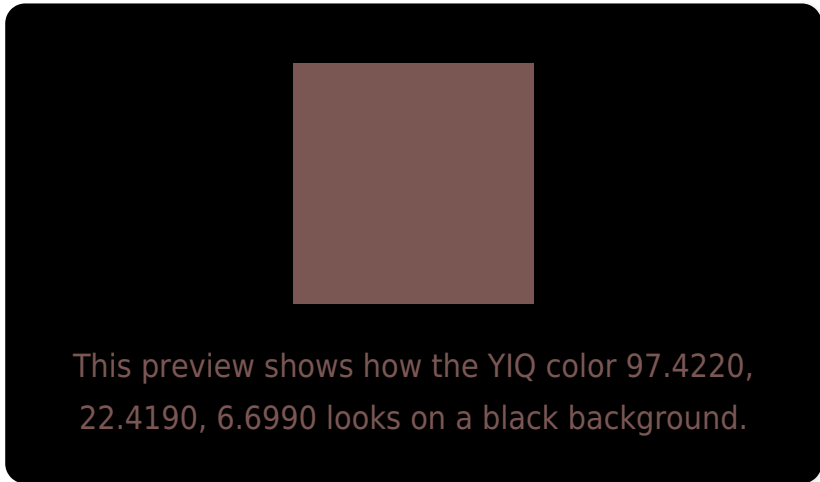
Large Text (above 18pt) WCAG AA ✓ Pass

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

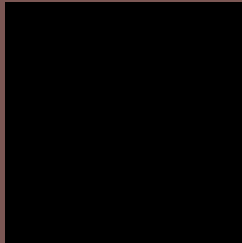
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 97.4220, 22.4190, 6.6990

Background



This preview shows how black text looks on a background with the YIQ color 97.4220, 22.4190, 6.6990.



This preview shows how white text looks on a background with the YIQ color 97.4220, 22.4190,

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

97.4220, 22.4190, 6.6990

Protanopia

96.3980, 4.6310, -1.3290

Deuteranopia

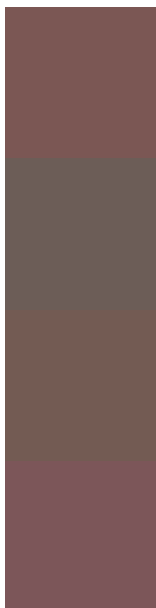
96.9430, 13.3420, 0.4940



Tritanopia

98.0460, 20.7220, 9.9220

Trichromacy



Original Color

97.4220, 22.4190, 6.6990

Protanomaly

96.8010, 10.8660, 1.3140

Deuteranomaly

97.2640, 16.8720, 2.6000

Tritanomaly

97.7040, 21.6850, 8.9890

Monochromacy



Original Color

97.4220, 22.4190, 6.6990

Achromatopsia

97.0000, -0.0000, 0.0000

Achromatomaly

96.7730, 8.0690, 2.4450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 97.4220, 22.4190, 6.6990 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(123, 87, 84)` looks like.

```
.text, #text, p{  
    color:rgb(123, 87, 84)  
}
```

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(123, 87, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 87, 84) }
```

Border

The CSS property to change the border of an element to YIQ 97.4220, 22.4190, 6.6990 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(123, 87, 84) }
```


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

```
.border{ border-color:rgb(123, 87, 84) }
```

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

Here you see how a box with a 4 pixel rgb(123, 87, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 87, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 87, 84);  
box-shadow:4px 4px 4px 4px rgb(123, 87,  
84) }
```

Background

The CSS property to change the background color of an element to YIQ 97.4220, 22.4190, 6.6990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 87, 84) }
```

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

```
.background{ background-color: rgb(123, 87,  
84) }
```

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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