

Converting Colors

YIQ(97.5220, 69.4120, 19.5880)

Have a look what the booklet for
YIQ(97.5220, 69.4120, 19.5880)
contains.

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Color

**YIQ(97.5220, 69.4120,
19.5880)**

Conversions

Conversions Part 1

Format	Color
Hex	B04236
RGB	176, 66, 54
RGB Percent	69%, 26%, 21%
CMY	0.3096, 0.7413, 0.7879
CMYK	0.00, 0.63, 0.69, 0.31
HSL	6°, 53%, 45%
HSV	6°, 69%, 69%
XYZ	20.5322, 13.3957, 5.0024
YIQ	97.5220, 69.4120, 19.5880

Conversions

Conversions Part 2

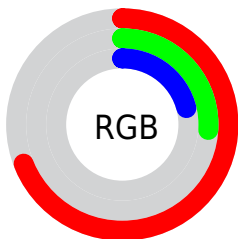
Format	Color
RYB	176, 67, 54
Decimal	11551286
CIELab	43.35, 44.18, 30.70
CIElCh	43, 53.797, 34.799
Yxy	13.3957, 0.5274, 0.3441
Android (android.graphics.Color)	4289741366 (0xFFB04236)
YUV	97.5220, -21.4563, 68.8252
Hunter-Lab	36.6002, 36.0860, 17.5165

Details

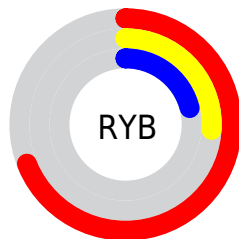
The YIQ color **97.5220, 69.4120, 19.5880** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **132.4780, -69.4120, -19.5880**, and the grayscale version is **98.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **152.2300, 76.1060, 19.4180**, and **39.1720, 64.8260, 25.6100** is the 20% darker color. If you saturate the color by 10%, you get **86.0780, 79.5900, 22.3580**, and if you desaturate by 10%, it is **108.9660, 59.2340, 16.8180**.

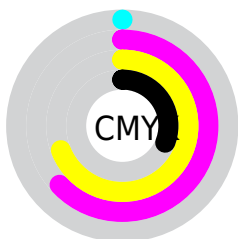
Distribution



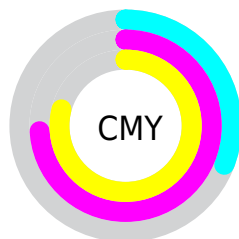
- Red (69%)
- Green (26%)
- Blue (21%)



- Red (69%)
- Yellow (26%)
- Blue (21%)



- Cyan (0%)
- Magenta (63%)
- Yellow (69%)
- Black (31%)



- Cyan (31%)
- Magenta (74%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 97.5220, 69.4120, 19.5880 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 97.5220, 69.4120, 19.5880 by changing the saturation by 10% instead.

■ 97.5220, 69.4120,
19.5880

■ 97.5220, 69.4120,
19.5880

255.0000, -0.0000,
-0.0000

■ 70.1950, 66.0190,
20.5070

■ 152.2300, 76.1060,
19.4180

■ 39.1720, 64.8260,
25.6100

■ 175.7240, 71.6590,
17.4110

■ 26.3120, 52.4480,
18.6560

■ 195.2380, 55.2920,
11.1640

■ 17.9400, 35.7600,
12.7200

■ 214.6380, 39.2460,
4.6060

■ 8.7850, 16.9630,
6.4590

■ 234.8530, 22.2830,
-1.8530

■ 0.0000, 0.0000,
0.0000

■ 252.7200, 6.4200,

-6.2200

■ 97.5220, 69.4120,
19.5880

■ 97.5220, 69.4120,
19.5880

■ 86.0780, 79.5900,
22.3580

■ 108.9660, 59.2340,
16.8180

■ 74.7480, 89.4470,
25.4390

■ 120.2960, 49.3770,
13.7370

■ 63.3040, 99.6250,
28.2090

■ 131.7400, 39.1990,
10.9670

■ 62.6030, 100.2210,
28.4210

■ 143.0700, 29.3420,
7.8860

■ 153.9270, 19.4390,
5.6390

■ 165.3710, 9.2610,
2.8690

■ 176.7010, -0.5960,
-0.2120

■ 188.1450,
-10.7740, -2.9820

■ 199.5890,
-20.9520, -5.7520

Harmonies

Analogous

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



97.4620, 61.6140, 39.7740



97.5220, 69.4120, 19.5880



97.7110, 63.3650, -8.4990

Triad

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



97.5220, 69.4120, 19.5880



77.5080, -52.9020, -43.4780



84.1100, -90.7820, 4.2740

Complementary

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



97.5220, 69.4120, 19.5880



132.4780, -69.4120, -19.5880

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.



89.5410, -90.9180, -4.2780



97.5220, 69.4120, 19.5880



84.6270, -68.8140, -30.4300

Square

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



97.5220, 69.4120, 19.5880



89.7860, 4.9130, -39.4950



88.9420, -82.3420, -16.5340



104.3220, -14.2650, 32.7670

Rectangle

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



97.5220, 69.4120, 19.5880



96.3960, 50.5300, -23.6940



88.9420, -82.3420, -16.5340



86.4580, -91.8820, 2.1820

Sweetspot

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



97.5220, 69.4120, 19.5880



198.5860, 27.8290, 7.7730



103.2460, 36.7600, 60.6960



96.4320, 16.4590, 4.5790



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



97.5220, 69.4120, 19.5880



107.2620, 108.6110, 30.5550



132.1550, 53.1870, -11.2690



83.2780, 5.0890, 1.3850



54.5520, 87.0630, 24.5910



8.9480, 14.9460, 4.4660

Inverse Universe

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



132.4780, -69.4120, -19.5880



161.7380, -108.6110, -30.5550



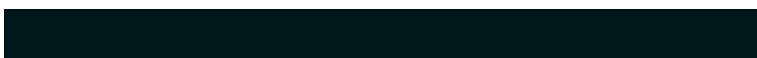
97.8450, -53.1870, 11.2690



85.7220, -5.0890, -1.3850



98.4480, -87.0630, -24.5910



16.4650, -14.6710, -3.9430

Previews

White Background



This preview shows how the YIQ color 97.5220, 69.4120, 19.5880 looks on a white background.

Color Contrast Check

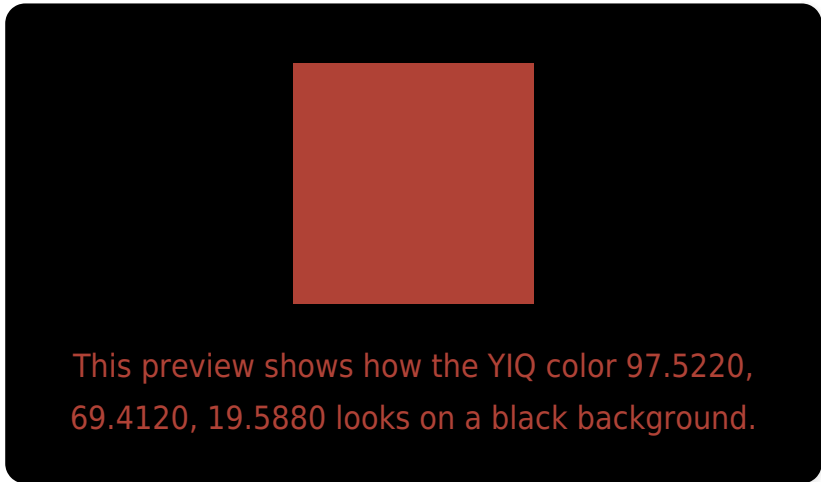
Large Text (above 18pt) WCAG AA ✓ Pass

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

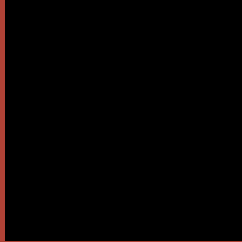
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 97.5220, 69.4120, 19.5880

Background



This preview shows how black text looks on a background with the YIQ color 97.5220, 69.4120, 19.5880.



This preview shows how white text looks on a background with the YIQ color 97.5220, 69.4120,

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

97.5220, 69.4120, 19.5880

Protanopia

101.5870, 16.9200, -9.2880

Deuteranopia

101.2700, 33.9300, -9.1900



Tritanopia

98.2430, 66.0640, 25.2000

Trichromacy



Original Color

97.5220, 69.4120, 19.5880

Protanomaly

100.2630, 35.8080, 0.8320

Deuteranomaly

99.5370, 46.7200, 1.3120

Tritanomaly

98.2600, 67.3940, 23.1220

Monochromacy



Original Color

97.5220, 69.4120, 19.5880

Achromatopsia

98.0000, -0.0000, -0.0000

Achromatomaly

97.5040, 25.1240, 7.2360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 97.5220, 69.4120, 19.5880 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(176, 66, 54)` looks like.

```
.text, #text, p{  
    color:rgb(176, 66, 54)  
}
```

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(176, 66, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 66, 54) }
```

Border

The CSS property to change the border of an element to YIQ 97.5220, 69.4120, 19.5880 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(176, 66, 54) }
```


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

```
.border{ border-color:rgb(176, 66, 54) }
```

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

Here you see how a box with a 4 pixel rgb(176, 66, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 66, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 66, 54);  
box-shadow:4px 4px 4px 4px rgb(176, 66,  
54) }
```

Background

The CSS property to change the background color of an element to YIQ 97.5220, 69.4120, 19.5880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 66, 54) }
```

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

```
.background{ background-color: rgb(176, 66,  
54) }
```

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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