

Converting Colors

YIQ(97.1290, 75.5530, 34.9530)

Have a look what the booklet for
YIQ(97.1290, 75.5530, 34.9530)
contains.

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Color

**YIQ(97.1290, 75.5530,
34.9530)**

Conversions

Conversions Part 1

Format	Color
Hex	BF3649
RGB	191, 54, 73
RGB Percent	75%, 21%, 29%
CMY	0.2506, 0.7884, 0.7134
CMYK	0.00, 0.72, 0.62, 0.25
HSL	352°, 56%, 48%
HSV	352°, 72%, 75%
XYZ	24.0290, 14.2025, 7.7909
YIQ	97.1290, 75.5530, 34.9530

Conversions

Conversions Part 2

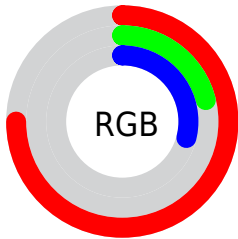
Format	Color
R_{YB}	191, 54, 73
Decimal	12531273
CIE Lab	44.52, 55.29, 21.32
CIE LCh	45, 59.254, 21.086
Yxy	14.2025, 0.5221, 0.3086
Android (android.graphics.Color)	4290721353 (0xFFBF3649)
YUV	97.1290, -11.8956, 82.3249
Hunter-Lab	37.6862, 47.8621, 14.1234

Details

The YIQ color **97.1290, 75.5530, 34.9530** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **147.8710, -75.5530, -34.9530**, and the grayscale version is **97.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **154.0110, 81.6970, 33.7370**, and **42.5890, 68.4460, 37.1020** is the 20% darker color. If you saturate the color by 10%, you get **84.1520, 85.9140, 39.9140**, and if you desaturate by 10%, it is **110.2200, 64.8710, 30.3030**.

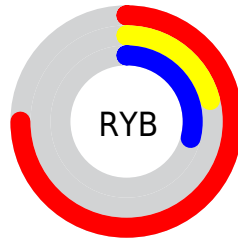
Distribution



Red (75%)

Green (21%)

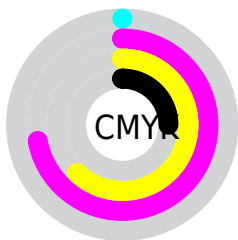
Blue (29%)



Red (75%)

Yellow (21%)

Blue (29%)

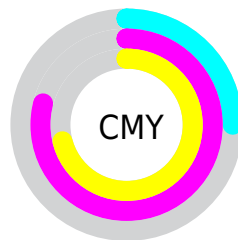


Cyan (0%)

Magenta (72%)

Yellow (62%)

Black (25%)



Cyan (25%)

Magenta (79%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 97.1290, 75.5530, 34.9530 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 97.1290, 75.5530, 34.9530 by changing the saturation by 10% instead.

■ 97.1290, 75.5530,
34.9530

■ 97.1290, 75.5530,
34.9530

255.0000, -0.0000,
-0.0000

■ 65.1060, 74.3600,
40.0560

■ 154.0110, 81.6970,
33.7370

■ 42.5890, 68.4460,
37.1020

■ 174.0090, 66.8430,
27.6030

■ 30.8830, 58.2700,
23.2780

■ 193.5230, 50.4760,
21.3560

■ 21.6420, 42.5910,
15.5750

■ 213.0370, 34.1090,
15.1090

■ 13.2700, 25.9030,
9.6390

■ 233.2520, 17.1460,
8.6500

■ 0.0000, 0.0000,
0.0000

253.8260, 0.5500,

1.0460

■ 97.1290, 75.5530,
34.9530

■ 97.1290, 75.5530,
34.9530

■ 84.1520, 85.9140,
39.9140

■ 110.2200, 64.8710,
30.3030

■ 71.0610, 96.5960,
44.5640

■ 123.1970, 54.5100,
25.3420

■ 60.1870, 105.1690,
48.8890

■ 136.1740, 44.1490,
20.3810

■ 149.2650, 33.4670,
15.7310

■ 162.2420, 23.1060,
10.7700

■ 175.9200, 12.1490,
5.5970

■ 188.8970, 1.7880,
0.6360

■ 201.9880, -8.8940,
-4.0140

■ 214.9650,
-19.2550, -8.9750

Harmonies

Analogous

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



99.7470, 56.7980, 49.9660



97.1290, 75.5530, 34.9530



99.7160, 74.1370, 5.5370

Triad

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



97.1290, 75.5530, 34.9530



80.6160, -35.8910, -48.9070



91.2340, -97.0630, 2.4650

Complementary

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



97.1290, 75.5530, 34.9530



147.8710, -75.5530, -34.9530

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.



93.5360, -92.5220, -8.2500



97.1290, 75.5530, 34.9530



83.9940, -62.8980, -38.5300

Square

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



97.1290, 75.5530, 34.9530



94.4370, 24.9490, -39.1710



90.3950, -79.5440, -23.1920



101.3160, -49.6590, 24.4290

Rectangle

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



97.1290, 75.5530, 34.9530



98.8650, 65.5670, -15.3690



90.3950, -79.5440, -23.1920



92.5390, -96.6040, -0.3480

Sweetspot

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



97.1290, 75.5530, 34.9530



210.0580, 29.6160, 13.9360



104.6010, 25.7550, 67.4110



102.4370, 18.0630, 8.5510



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



97.1290, 75.5530, 34.9530



101.6940, 117.0430, 53.9630



123.1390, 68.4520, 3.9400



87.8050, 5.0430, 2.2190



49.7500, 87.1060, 40.3380



9.7250, 17.1920, 7.8160

Inverse Universe

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



97.1290, 75.5530, 34.9530



101.6940, 117.0430, 53.9630



121.8610, -68.4520, -3.9400



87.8050, 5.0430, 2.2190



49.7500, 87.1060, 40.3380



9.7250, 17.1920, 7.8160

Previews

White Background



This preview shows how the YIQ color 97.1290, 75.5530, 34.9530 looks on a white background.

Color Contrast Check

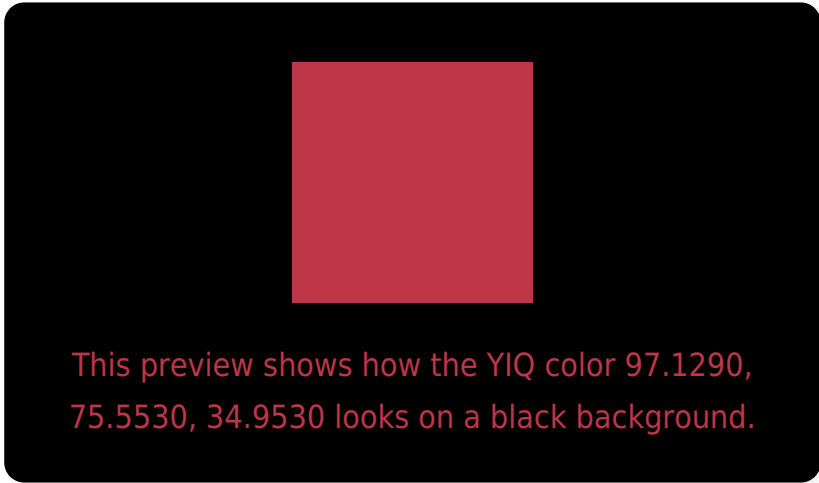
Large Text (above 18pt) WCAG AA ✓ Pass

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 97.1290, 75.5530, 34.9530

Background



This preview shows how black text looks on a background with the YIQ color 97.1290, 75.5530, 34.9530.



This preview shows how white text looks on a background with the YIQ color 97.1290, 75.5530,

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

97.1290, 75.5530, 34.9530

Protanopia

106.0560, 5.5940, -2.2620

Deuteranopia

105.0830, 27.3270, -5.1610



Tritanopia

96.9950, 78.6260, 28.8180

Trichromacy



Original Color

97.1290, 75.5530, 34.9530

Protanomaly

102.6620, 30.6710, 11.3350

Deuteranomaly

102.3230, 44.7470, 9.5390

Tritanomaly

96.9780, 77.2960, 30.8960

Monochromacy



Original Color

97.1290, 75.5530, 34.9530

Achromatopsia

97.0000, -0.0000, 0.0000

Achromatomaly

96.7480, 27.5530, 12.7770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 97.1290, 75.5530, 34.9530 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(191, 54, 73)` looks like.

```
.text, #text, p{  
    color:rgb(191, 54, 73)  
}
```

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(191, 54, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 54, 73) }
```

Border

The CSS property to change the border of an element to YIQ 97.1290, 75.5530, 34.9530 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(191, 54, 73) }
```


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

```
.border{ border-color:rgb(191, 54, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 54, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 54, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 54, 73);  
box-shadow:4px 4px 4px 4px rgb(191, 54,  
73) }
```

Background

The CSS property to change the background color of an element to YIQ 97.1290, 75.5530, 34.9530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 54, 73) }
```

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

```
.background{ background-color: rgb(191, 54,  
73) }
```

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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