

Converting Colors

YIQ(74.7920, 78.1200, 37.9920)

Have a look what the booklet for
YIQ(74.7920, 78.1200, 37.9920)
contains.

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Color

**YIQ(74.7920, 78.1200,
37.9920)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | AD1D35 |
| RGB | 173, 29, 53 |
| RGB Percent | 68%, 11%, 21% |
| CMY | 0.3212, 0.8865, 0.7919 |
| CMYK | 0.00, 0.83, 0.69, 0.32 |
| HSL | 350°, 71%, 40% |
| HSV | 350°, 83%, 68% |
| XYZ | 18.3360, 10.0281, 4.3463 |
| YIQ | 74.7920, 78.1200, 37.9920 |

Conversions

Conversions Part 2

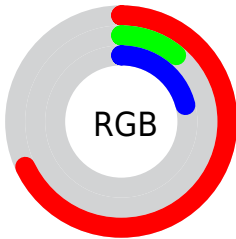
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 173, 29, 53 |
| Decimal | 11345205 |
| CIE Lab | 37.89, 56.61, 24.57 |
| CIE LCh | 38, 61.711, 23.459 |
| Yxy | 10.0281, 0.5606, 0.3066 |
| Android (android.graphics.Color) | 4289535285 (0xFFAD1D35) |
| YUV | 74.7920, -10.7435, 86.1284 |
| Hunter-Lab | 31.6672, 47.9374, 14.0295 |

Details

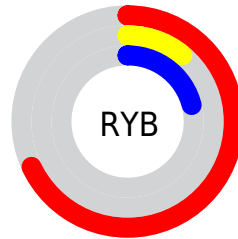
The YIQ color **74.7920, 78.1200, 37.9920** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **127.2080, -78.1200, -37.9920**, and the grayscale version is **75.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **134.3810, 83.5310, 33.5390**, and **34.9270, 64.1380, 27.0660** is the 20% darker color. If you saturate the color by 10%, you get **63.2170, 87.2890, 42.5290**, and if you desaturate by 10%, it is **86.3670, 68.9510, 33.4550**.

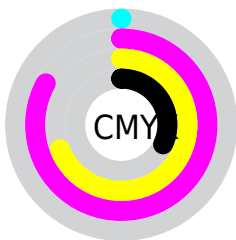
Distribution



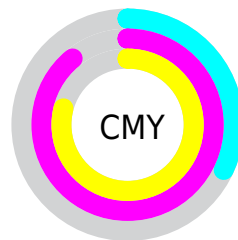
- Red (68%)
- Green (11%)
- Blue (21%)



- Red (68%)
- Yellow (11%)
- Blue (21%)



- Cyan (0%)
- Magenta (83%)
- Yellow (69%)
- Black (32%)





- Cyan (32%)
- Magenta (89%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 74.7920, 78.1200, 37.9920 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 74.7920, 78.1200, 37.9920 by changing the saturation by 10% instead.


 74.7920, 78.1200,
37.9920

 74.7920, 78.1200,
37.9920


255.0000, -0.0000,
-0.0000


 46.4050, 74.9560,
40.2680


 134.3810, 83.5310,
33.5390


 34.9270, 64.1380,
27.0660


 159.6470, 79.7260,
30.9100


 24.8170, 49.4680,
17.5960

 179.0470, 63.6800,
24.3520

 16.9720, 32.7340,
12.4940

 198.5610, 47.3130,
18.1050

 3.2890, 6.5560,
2.3320

 218.6620, 30.6710,
11.3350

 0.0000, 0.0000,
0.0000

 238.8770, 13.7080,

4.8760

■ 74.7920, 78.1200,
37.9920

■ 74.7920, 78.1200,
37.9920

■ 63.2170, 87.2890,
42.5290

■ 86.3670, 68.9510,
33.4550

■ 55.0330, 93.7990,
45.6950

■ 98.6430, 59.1860,
28.7060

■ 110.2180, 50.0170,
24.1690

■ 121.9070, 40.5270,
19.9430

■ 133.4820, 31.3580,
15.4060

■ 145.7580, 21.5930,
10.6570

■ 157.3330, 12.4240,
6.1200

■ 168.9080, 3.2550,
1.5830

■ 181.1840, -6.5100,
-3.1660

Harmonies

Analogous

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



74.7850, 62.8030, 56.7790



74.7920, 78.1200, 37.9920



80.9670, 74.6880, 1.0560

Triad

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



74.7920, 78.1200, 37.9920



64.6160, -35.8910, -48.9070



79.7730, -88.2150, 7.3130

Complementary

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



74.7920, 78.1200, 37.9920



127.2080, -78.1200, -37.9920

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.



82.6620, -83.9490, -3.9250



74.7920, 78.1200, 37.9920



73.2340, -54.6460, -33.8940

Square

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



74.7920, 78.1200, 37.9920



78.7550, 15.3660, -36.2020



79.1620, -71.3380, -17.7220



84.4410, -48.5130, 25.6870

Rectangle

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



74.7920, 78.1200, 37.9920



84.3680, 56.9010, -12.4990



79.1620, -71.3380, -17.7220



81.6650, -88.0310, 3.9770

Sweetspot

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



74.7920, 78.1200, 37.9920



185.8840, 30.1660, 14.9820



80.6980, 24.1040, 69.8000



89.4370, 18.0630, 8.5510



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



74.7920, 78.1200, 37.9920



71.3080, 121.3060, 59.3060



99.0580, 73.1740, 6.4700



80.8050, 5.0430, 2.2190



47.7000, 81.3750, 39.5750



7.3330, 12.4240, 6.1200

Inverse Universe

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



74.7920, 78.1200, 37.9920



71.3080, 121.3060, 59.3060



102.9420, -73.1740, -6.4700



80.8050, 5.0430, 2.2190



47.7000, 81.3750, 39.5750



7.3330, 12.4240, 6.1200

Previews

White Background



This preview shows how the YIQ color 74.7920, 78.1200, 37.9920 looks on a white background.

Color Contrast Check

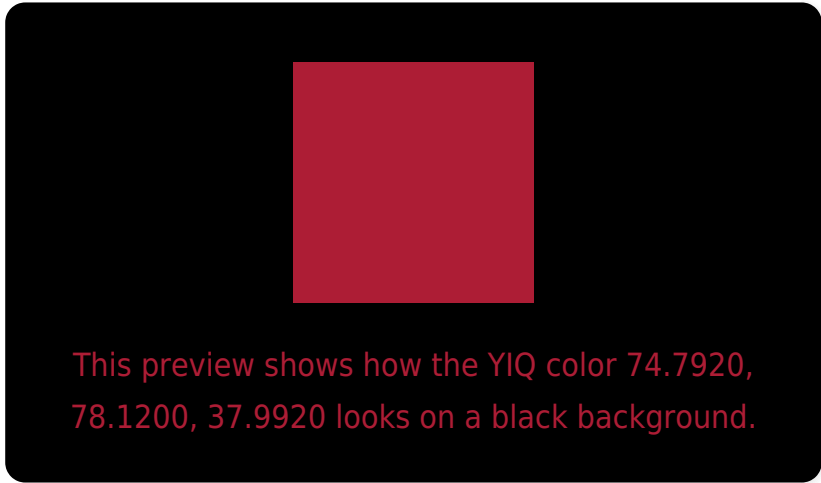
Large Text (above 18pt) WCAG AA ✓ Pass

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 74.7920, 78.1200, 37.9920

Background



This preview shows how black text looks on a background with the YIQ color 74.7920, 78.1200, 37.9920.



This preview shows how white text looks on a background with the YIQ color 74.7920, 78.1200,

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

74.7920, 78.1200, 37.9920

Protanopia

90.0840, 8.3910, -3.3930

Deuteranopia

89.1000, 28.6570, -7.2390



Tritanopia

74.5610, 82.8440, 29.4680

Trichromacy



Original Color

74.7920, 78.1200, 37.9920

Protanomaly

84.6300, 33.6970, 11.5610

Deuteranomaly

83.6930, 46.5810, 9.3410

Tritanomaly

74.7720, 80.8720, 32.1680

Monochromacy



Original Color

74.7920, 78.1200, 37.9920

Achromatopsia

75.0000, -0.0000, -0.0000

Achromatomaly

74.8730, 28.6990, 14.0350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 74.7920, 78.1200, 37.9920 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(173, 29, 53)` looks like.

```
.text, #text, p{  
    color:rgb(173, 29, 53)  
}
```

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(173, 29, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 29, 53) }
```

Border

The CSS property to change the border of an element to YIQ 74.7920, 78.1200, 37.9920 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(173, 29, 53) }
```


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

```
.border{ border-color:rgb(173, 29, 53) }
```

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

Here you see how a box with a 4 pixel rgb(173, 29, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 29, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 29, 53);  
box-shadow:4px 4px 4px 4px rgb(173, 29,  
53) }
```

Background

The CSS property to change the background color of an element to YIQ 74.7920, 78.1200, 37.9920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 29, 53) }
```

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

```
.background{ background-color: rgb(173, 29,  
53) }
```

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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