

Converting Colors

YIQ(88.7420, 72.3890, 37.2290)

Have a look what the booklet for
YIQ(88.7420, 72.3890, 37.2290)
contains.

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Color

**YIQ(88.7420, 72.3890,
37.2290)**

Conversions

Conversions Part 1

Format	Color
Hex	B52D48
RGB	181, 45, 72
RGB Percent	71%, 18%, 28%
CMY	0.2899, 0.8237, 0.7174
CMYK	0.00, 0.75, 0.60, 0.29
HSL	348°, 60%, 44%
HSV	348°, 75%, 71%
XYZ	21.1845, 12.1754, 7.3761
YIQ	88.7420, 72.3890, 37.2290

Conversions

Conversions Part 2

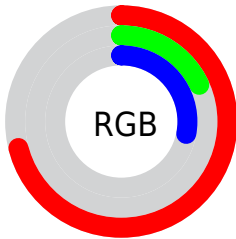
Format	Color
RYB	181, 45, 72
Decimal	11873608
CIELab	41.49, 55.34, 17.60
CIELCh	41, 58.067, 17.640
Yxy	12.1754, 0.5200, 0.2989
Android (android.graphics.Color)	4290063688 (0xFFB52D48)
YUV	88.7420, -8.2538, 80.9103
Hunter-Lab	34.8933, 47.3082, 11.8921

Details

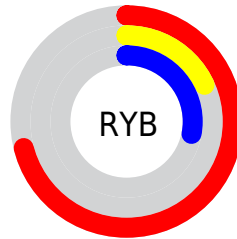
The YIQ color **88.7420, 72.3890, 37.2290** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **137.2580, -72.3890, -37.2290**, and the grayscale version is **89.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **145.9120, 77.6620, 35.2780**, and **39.4850, 62.8070, 34.6710** is the 20% darker color. If you saturate the color by 10%, you get **76.5800, 81.8330, 42.2890**, and if you desaturate by 10%, it is **101.0180, 62.6240, 32.4800**.

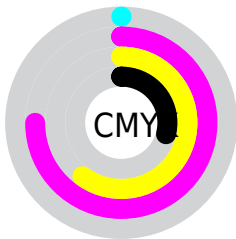
Distribution



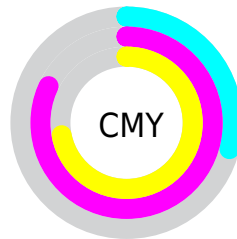
- Red (71%)
- Green (18%)
- Blue (28%)



- Red (71%)
- Yellow (18%)
- Blue (28%)



- Cyan (0%)
- Magenta (75%)
- Yellow (60%)
- Black (29%)



- Cyan (29%)
- Magenta (82%)
- Yellow (72%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 88.7420, 72.3890, 37.2290 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 88.7420, 72.3890, 37.2290 by changing the saturation by 10% instead.

■ 88.7420, 72.3890,
37.2290

■ 88.7420, 72.3890,
37.2290

■ 255.0000, -0.0000,
-0.0000

■ 52.0230, 73.3960,
46.5160

■ 145.9120, 77.6620,
35.2780

■ 39.4850, 62.8070,
34.6710

■ 169.1990, 69.3640,
31.4760

■ 27.9640, 53.5480,
20.7480

■ 188.5990, 53.3180,
24.9180

■ 19.6630, 38.0980,
14.4020

■ 208.2270, 36.6300,
18.9820

■ 9.6820, 18.7510,
7.0950

■ 228.4420, 19.6670,
12.5230

■ 0.0000, 0.0000,
0.0000

■ 248.5430, 3.0250,

5.7530

■ 88.7420, 72.3890,
37.2290

■ 88.7420, 72.3890,
37.2290

■ 76.5800, 81.8330,
42.2890

■ 101.0180, 62.6240,
32.4800

■ 64.3040, 91.5980,
47.0380

■ 113.1800, 53.1800,
27.4200

■ 58.2230, 96.3200,
49.5680

■ 125.4560, 43.4150,
22.6710

■ 137.6180, 33.9710,
17.6110

■ 149.8940, 24.2060,
12.8620

■ 162.6430, 14.4870,
7.2790

■ 174.9190, 4.7220,
2.5300

■ 187.0810, -4.7220,
-2.5300

■ 199.3570,
-14.4870, -7.2790

Harmonies

Analogous

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



92.6970, 51.0670, 49.2030



88.7420, 72.3890, 37.2290



92.0410, 71.8440, 8.5480

Triad

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



88.7420, 72.3890, 37.2290



76.9550, -23.6040, -45.8120



85.8710, -91.6070, 2.7050

Complementary

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



88.7420, 72.3890, 37.2290



137.2580, -72.3890, -37.2290

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.



87.8310, -86.1030, -8.9430



88.7420, 72.3890, 37.2290



77.9300, -56.8460, -38.0780

Square

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



88.7420, 72.3890, 37.2290



88.5560, 26.2320, -34.8880



84.2170, -73.1710, -23.0510



89.3960, -61.8080, 18.8320

Rectangle

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



88.7420, 72.3890, 37.2290



92.0870, 65.0620, -11.7220



84.2170, -73.1710, -23.0510



87.5350, -90.7810, -1.2530

Sweetspot

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



88.7420, 72.3890, 37.2290



198.2860, 28.9740, 14.5580



93.0950, 21.3080, 65.4040



94.6650, 17.4210, 9.1730



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



88.7420, 72.3890, 37.2290



91.2900, 112.5490, 58.3170



109.7310, 69.7810, 7.3890



85.8050, 5.0430, 2.2190



50.1780, 83.0250, 42.7130



9.0560, 14.7620, 7.8020

Inverse Universe

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



88.7420, 72.3890, 37.2290



91.2900, 112.5490, 58.3170



116.2690, -69.7810, -7.3890



85.8050, 5.0430, 2.2190



50.1780, 83.0250, 42.7130



9.0560, 14.7620, 7.8020

Previews

White Background



This preview shows how the YIQ color 88.7420, 72.3890, 37.2290 looks on a white background.

Color Contrast Check

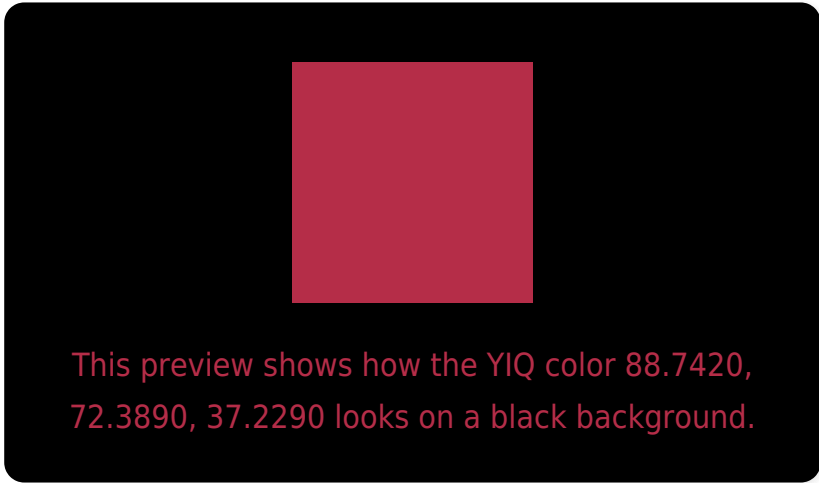
Large Text (above 18pt) WCAG AA ✓ Pass

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

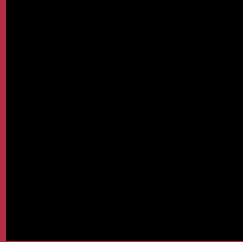
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 88.7420, 72.3890, 37.2290

Background



This preview shows how black text looks on a background with the YIQ color 88.7420, 72.3890, 37.2290.



This preview shows how white text looks on a background with the YIQ color 88.7420, 72.3890,

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

88.7420, 72.3890, 37.2290

Protanopia

98.6690, 2.4300, 0.0140

Deuteranopia

98.7560, 23.9340, -4.2420



Tritanopia

88.3970, 77.4340, 28.3940

Trichromacy



Original Color

88.7420, 72.3890, 37.2290

Protanomaly

95.1610, 27.8280, 13.3000

Deuteranomaly

95.4090, 41.6290, 10.9810

Tritanomaly

88.7220, 75.1410, 31.4050

Monochromacy



Original Color

88.7420, 72.3890, 37.2290

Achromatopsia

89.0000, -0.0000, -0.0000

Achromatomaly

88.7910, 25.9940, 13.4980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 88.7420, 72.3890, 37.2290 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(181, 45, 72)` looks like.

```
.text, #text, p{  
    color:rgb(181, 45, 72)  
}
```

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(181, 45, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 45, 72) }
```

Border

The CSS property to change the border of an element to YIQ 88.7420, 72.3890, 37.2290 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(181, 45, 72) }
```


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

```
.border{ border-color:rgb(181, 45, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 45, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 45, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 45, 72);  
box-shadow:4px 4px 4px 4px rgb(181, 45,  
72) }
```

Background

The CSS property to change the background color of an element to YIQ 88.7420, 72.3890, 37.2290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 45, 72) }
```

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

```
.background{ background-color: rgb(181, 45,  
72) }
```

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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