

Converting Colors

YIQ(93.1190, 72.3450, 27.0090)

Have a look what the booklet for
YIQ(93.1190, 72.3450, 27.0090)
contains.

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Color

**YIQ(93.1190, 72.3450,
27.0090)**

Conversions

Conversions Part 1

Format	Color
Hex	B3383B
RGB	179, 56, 59
RGB Percent	70%, 22%, 23%
CMY	0.2977, 0.7806, 0.7683
CMYK	0.00, 0.69, 0.67, 0.30
HSL	358°, 52%, 46%
HSV	358°, 69%, 70%
XYZ	20.8107, 12.7325, 5.5083
YIQ	93.1190, 72.3450, 27.0090

Conversions

Conversions Part 2

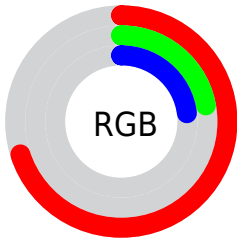
Format	Color
R_{YB}	179, 56, 59
Decimal	11745339
CIE _{Lab}	42.36, 49.82, 26.65
CIE _{LCh}	42, 56.499, 28.141
Yxy	12.7325, 0.5329, 0.3260
Android (android.graphics.Color)	4289935419 (0xFFB3383B)
YUV	93.1190, -16.8207, 75.3176
Hunter-Lab	35.6827, 41.6597, 15.8253

Details

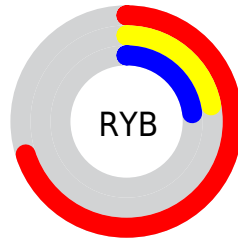
The YIQ color **93.1190, 72.3450, 27.0090** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **141.8810, -72.3450, -27.0090**, and the grayscale version is **93.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **148.4140, 78.7640, 26.3160**, and **37.5190, 65.4670, 30.5150** is the 20% darker color. If you saturate the color by 10%, you get **80.6150, 82.7520, 31.1360**, and if you desaturate by 10%, it is **105.7370, 61.6170, 23.1930**.

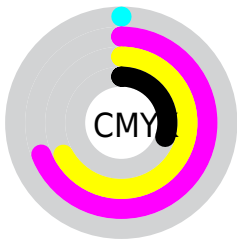
Distribution



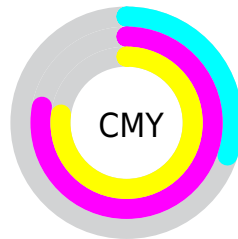
- Red (70%)
- Green (22%)
- Blue (23%)



- Red (70%)
- Yellow (22%)
- Blue (23%)



- Cyan (0%)
- Magenta (69%)
- Yellow (67%)
- Black (30%)





- Cyan (30%)
- Magenta (78%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 93.1190, 72.3450, 27.0090 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 93.1190, 72.3450, 27.0090 by changing the saturation by 10% instead.


 93.1190, 72.3450,
27.0090


 93.1190, 72.3450,
27.0090


255.0000, -0.0000,
-0.0000


 64.0310, 69.7770,
29.4970


 148.4140, 78.7640,
26.3160


 37.5190, 65.4670,
30.5150


 171.7120, 71.9330,
23.4610


 26.9100, 53.6400,
19.0800

 191.1120, 55.8870,
16.9030

 18.6520, 36.6310,
13.4550

 210.6260, 39.5200,
10.6560

 9.3830, 18.1550,
6.8830

 230.7270, 22.8780,
3.8860

 0.0000, 0.0000,
0.0000

 251.0560, 5.5940,

-2.2620

■ 93.1190, 72.3450,
27.0090

■ 93.1190, 72.3450,
27.0090

■ 80.6150, 82.7520,
31.1360

■ 105.7370, 61.6170,
23.1930

■ 67.9970, 93.4800,
34.9520

■ 118.2410, 51.2100,
19.0660

■ 55.4930, 103.8870,
39.0790

■ 130.7450, 40.8030,
14.9390

■ 54.0910, 105.0790,
39.5030

■ 143.3630, 30.0750,
11.1230

■ 155.2800, 19.9430,
7.5190

■ 167.8980, 9.2150,
3.7030

■ 180.4020, -1.1920,
-0.4240

■ 193.0200,
-11.9200, -4.2400

■ 205.5240,
-22.3270, -8.3670

Harmonies

Analogous

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



93.6670, 59.7790, 45.4990



93.1190, 72.3450, 27.0090



94.6240, 68.2240, -2.9440

Triad

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



93.1190, 72.3450, 27.0090



74.0370, -47.2620, -46.5740



84.9250, -91.6990, 4.3730

Complementary

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



93.1190, 72.3450, 27.0090



141.8810, -72.3450, -27.0090

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.



89.0850, -89.6340, -5.5220



93.1190, 72.3450, 27.0090



81.9710, -64.0910, -33.4270

Square

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



93.1190, 72.3450, 27.0090



87.8920, 16.2380, -40.9940



87.3290, -79.1780, -18.8100



100.3140, -28.9820, 29.6580

Rectangle

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



93.1190, 72.3450, 27.0090



94.0810, 56.0310, -18.7610



87.3290, -79.1780, -18.8100



87.0450, -92.1570, 1.6590

Sweetspot

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



93.1190, 72.3450, 27.0090



197.8790, 28.5620, 11.0100



105.6030, 31.4410, 63.4810



96.7850, 16.9630, 6.4590



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.



93.1190, 72.3450, 27.0090



97.2770, 113.4230, 42.4710



126.2360, 57.6330, -3.7350



82.8050, 5.0430, 2.2190



46.2030, 89.9040, 33.6800



7.8880, 15.1750, 5.8230

Inverse Universe

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



93.1190, 72.3450, 27.0090



97.2770, 113.4230, 42.4710



108.7640, -57.6330, 3.7350



82.8050, 5.0430, 2.2190



46.2030, 89.9040, 33.6800



7.8880, 15.1750, 5.8230

Previews

White Background



This preview shows how the YIQ color 93.1190, 72.3450, 27.0090 looks on a white background.

Color Contrast Check

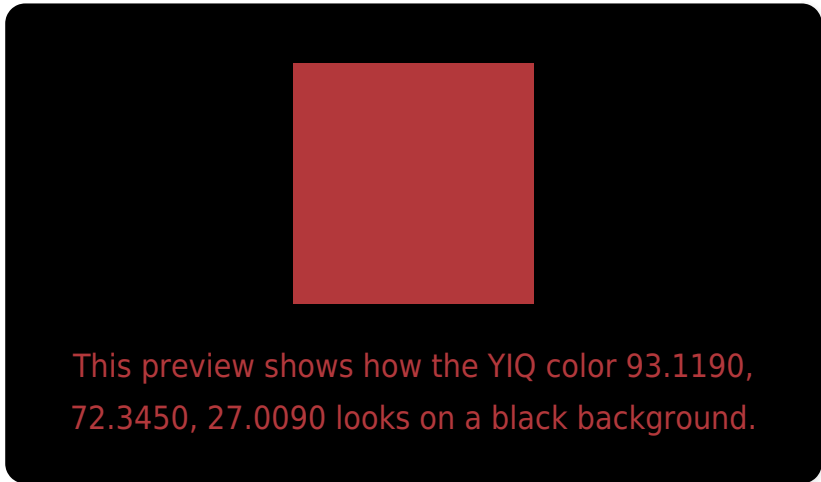
Large Text (above 18pt) WCAG AA ✓ Pass

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 93.1190, 72.3450, 27.0090

Background



This preview shows how black text looks on a background with the YIQ color 93.1190, 72.3450, 27.0090.



This preview shows how white text looks on a background with the YIQ color 93.1190, 72.3450,

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

93.1190, 72.3450, 27.0090

Protanopia

100.2430, 12.1970, -6.2910

Deuteranopia

99.3560, 30.8120, -7.7480



Tritanopia

93.1190, 72.3450, 27.0090

Trichromacy



Original Color

93.1190, 72.3450, 27.0090

Protanomaly

97.9410, 34.0190, 5.7230

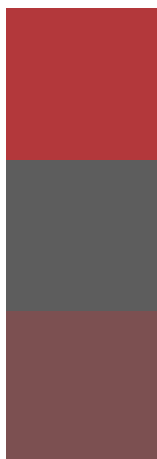
Deuteranomaly

96.8730, 45.8940, 5.2700

Tritanomaly

93.1190, 72.3450, 27.0090

Monochromacy



Original Color

93.1190, 72.3450, 27.0090

Achromatopsia

93.0000, -0.0000, -0.0000

Achromatomaly

93.2700, 25.9030, 9.6390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 93.1190, 72.3450, 27.0090 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(179, 56, 59)` looks like.

```
.text, #text, p{  
    color:rgb(179, 56, 59)  
}
```

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(179, 56, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 56, 59) }
```

Border

The CSS property to change the border of an element to YIQ 93.1190, 72.3450, 27.0090 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(179, 56, 59) }
```


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

```
.border{ border-color:rgb(179, 56, 59) }
```

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

Here you see how a box with a 4 pixel rgb(179, 56, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 56, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 56, 59);  
box-shadow:4px 4px 4px 4px rgb(179, 56,  
59) }
```

Background

The CSS property to change the background color of an element to YIQ 93.1190, 72.3450, 27.0090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 56, 59) }
```

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

```
.background{ background-color: rgb(179, 56,  
59) }
```

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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