

Converting Colors

YIQ(69.5720, 93.4790, 40.4790)

Have a look what the booklet for
YIQ(69.5720, 93.4790, 40.4790)
contains.

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Color

**YIQ(69.5720, 93.4790,
40.4790)**

Conversions

Conversions Part 1

Format	Color
Hex	B81223
RGB	184, 18, 35
RGB Percent	72%, 7%, 14%
CMY	0.2780, 0.9296, 0.8624
CMYK	0.00, 0.90, 0.81, 0.28
HSL	354°, 82%, 40%
HSV	354°, 90%, 72%
XYZ	20.3119, 10.7554, 2.6027
YIQ	69.5720, 93.4790, 40.4790

Conversions

Conversions Part 2

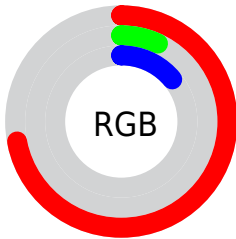
Format	Color
RYB	184, 18, 35
Decimal	12063267
CIELab	39.17, 61.15, 37.50
CIElCh	39, 71.734, 31.518
Yxy	10.7554, 0.6033, 0.3194
Android (android.graphics.Color)	4290253347 (0xFFB81223)
YUV	69.5720, -17.0440, 100.3534
Hunter-Lab	32.7954, 53.1623, 18.2515

Details

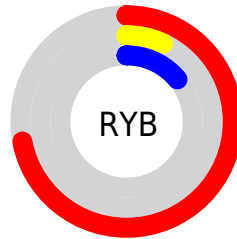
The YIQ color **69.5720, 93.4790, 40.4790** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **132.4280, -93.4790, -40.4790**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.7540, 98.4780, 32.4780**, and **36.4780, 72.7120, 25.8640** is the 20% darker color. If you saturate the color by 10%, you get **57.1820, 103.5650, 44.9170**, and if you desaturate by 10%, it is **82.0760, 83.0720, 36.3520**.

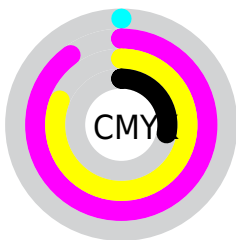
Distribution



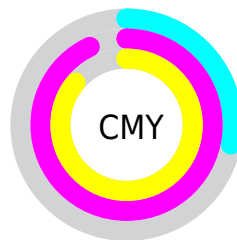
- Red (72%)
- Green (7%)
- Blue (14%)



- Red (72%)
- Yellow (7%)
- Blue (14%)



- Cyan (0%)
- Magenta (90%)
- Yellow (81%)
- Black (28%)



- Cyan (28%)
- Magenta (93%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 69.5720, 93.4790, 40.4790 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 69.5720, 93.4790, 40.4790 by changing the saturation by 10% instead.

■ 69.5720, 93.4790,
40.4790

■ 69.5720, 93.4790,
40.4790

255.0000, -0.0000,
-0.0000

■ 47.3430, 86.6940,
36.7900

■ 133.7540, 98.4780,
32.4780

■ 36.4780, 72.7120,
25.8640

■ 155.7200, 86.6500,
26.5700

■ 27.2090, 54.2360,
19.2920

■ 175.0060, 70.9250,
19.7010

■ 19.1790, 36.5850,
14.2890

■ 194.9930, 54.6040,
12.6200

■ 8.4860, 16.3670,
6.2470

■ 215.0940, 37.9620,
5.8500

■ 0.0000, 0.0000,
0.0000

■ 235.3090, 20.9990,

-0.6090

253.1760, 5.1360,
-4.9760

69.5720, 93.4790,
40.4790

69.5720, 93.4790,
40.4790

57.1820, 103.5650,
44.9170

82.0760, 83.0720,
36.3520

95.0530, 72.7110,
31.3910

107.5570, 62.3040,
27.2640

120.5340, 51.9430,
22.3030

133.0380, 41.5360,
18.1760

■ 145.4280, 31.4500,
13.7380

■ 158.5190, 20.7680,
9.0880

■ 170.9090, 10.6820,
4.6500

■ 184.0000, 0.0000,
-0.0000

Harmonies

Analogous

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



66.9990, 83.1120, 68.6800



69.5720, 93.4790, 40.4790



84.5000, 74.5050, -1.1350

Triad

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



69.5720, 93.4790, 40.4790



69.7510, -40.7050, -49.7690



82.7540, -95.2310, 13.3210

Complementary

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



69.5720, 93.4790, 40.4790



132.4280, -93.4790, -40.4790

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.



88.0880, -93.7160, 2.3800



69.5720, 93.4790, 40.4790



78.8080, -62.0740, -31.4340

Square

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



69.5720, 93.4790, 40.4790



76.8730, 0.0540, -45.0500



85.4200, -80.6920, -13.3960



91.4420, -31.9180, 38.8180

Rectangle

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



69.5720, 93.4790, 40.4790



87.2810, 52.5920, -17.0080



85.4200, -80.6920, -13.3960



85.5750, -96.2850, 10.3950

Sweetspot

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



69.5720, 93.4790, 40.4790



195.2330, 36.4930, 15.9570



80.8770, 34.3260, 82.7900



93.1170, 21.9600, 9.5120



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



69.5720, 93.4790, 40.4790



74.6100, 135.0150, 58.6550



105.2020, 81.3360, 1.7200



85.8050, 5.0430, 2.2190



48.4680, 87.8400, 38.0480



8.7140, 15.7250, 6.8690

Inverse Universe

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



69.5720, 93.4790, 40.4790



74.6100, 135.0150, 58.6550



96.7980, -81.3360, -1.7200



85.8050, 5.0430, 2.2190



48.4680, 87.8400, 38.0480



8.7140, 15.7250, 6.8690

Previews

White Background



This preview shows how the YIQ color 69.5720, 93.4790, 40.4790 looks on a white background.

Color Contrast Check

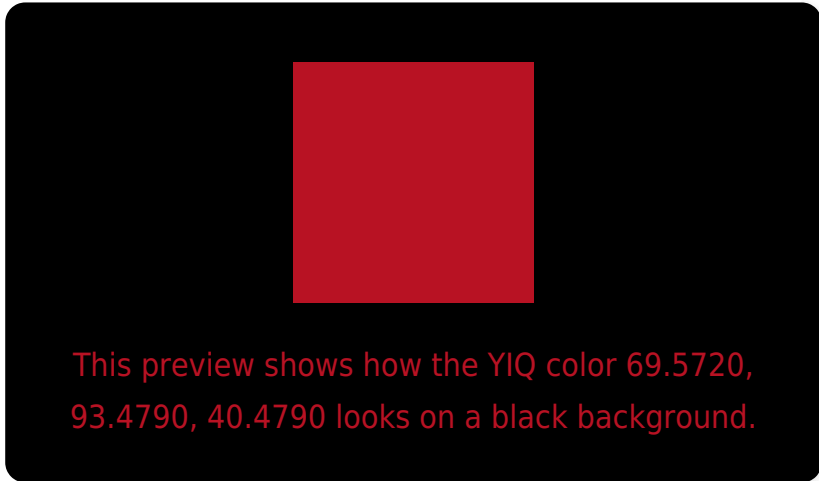
Large Text (above 18pt) WCAG AA ✓ Pass

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 69.5720, 93.4790, 40.4790

Background



This preview shows how black text looks on a background with the YIQ color 69.5720, 93.4790, 40.4790.



This preview shows how white text looks on a background with the YIQ color 69.5720, 93.4790,

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

69.5720, 93.4790, 40.4790

Protanopia

92.1310, 18.2040, -10.5320

Deuteranopia

89.8050, 39.4330, -15.3110



Tritanopia

69.8680, 98.1570, 32.7890

Trichromacy



Original Color

69.5720, 93.4790, 40.4790

Protanomaly

83.5680, 45.4350, 8.0830

Deuteranomaly

82.2890, 59.2820, 4.9300

Tritanomaly

70.0790, 96.1850, 35.4890

Monochromacy



Original Color

69.5720, 93.4790, 40.4790

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.6240, 33.8340, 14.5860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 69.5720, 93.4790, 40.4790 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(184, 18, 35)` looks like.

```
.text, #text, p{  
    color:rgb(184, 18, 35)  
}
```

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(184, 18, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 18, 35) }
```

Border

The CSS property to change the border of an element to YIQ 69.5720, 93.4790, 40.4790 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(184, 18, 35) }
```


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

```
.border{ border-color:rgb(184, 18, 35) }
```

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

Here you see how a box with a 4 pixel rgb(184, 18, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 18, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 18, 35);  
box-shadow:4px 4px 4px 4px rgb(184, 18,  
35) }
```

Background

The CSS property to change the background color of an element to YIQ 69.5720, 93.4790, 40.4790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 18, 35) }
```

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

```
.background{ background-color: rgb(184, 18,  
35) }
```

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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