

Converting Colors

YIQ(72.1720, 47.6310, 34.3750)

Have a look what the booklet for
YIQ(72.1720, 47.6310, 34.3750)
contains.

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Color

**YIQ(72.1720, 47.6310,
34.3750)**

Conversions

Conversions Part 1

Format	Color
Hex	8B254E
RGB	139, 37, 78
RGB Percent	55%, 15%, 31%
CMY	0.4546, 0.8550, 0.6940
CMYK	0.00, 0.73, 0.44, 0.45
HSL	336°, 58%, 35%
HSV	336°, 73%, 55%
XYZ	12.6957, 7.3660, 7.9679
YIQ	72.1720, 47.6310, 34.3750

Conversions

Conversions Part 2

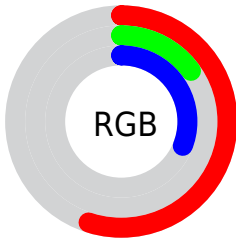
Format	Color
R_{YB}	139, 37, 78
Decimal	9119054
CIE _{Lab}	32.63, 45.99, 0.18
CIE _{LCh}	33, 45.995, 0.228
Yxy	7.3660, 0.4529, 0.2628
Android (android.graphics.Color)	4287309134 (0xFF8B254E)
YUV	72.1720, 2.8732, 58.6082
Hunter-Lab	27.1403, 36.0033, 1.5918

Details

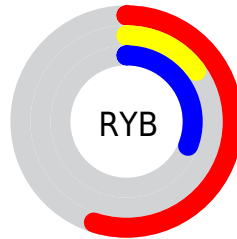
The YIQ color **72.1720, 47.6310, 34.3750** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **103.8280, -47.6310, -34.3750**, and the grayscale version is **72.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **126.4990, 51.0240, 33.4560**, and **28.9920, 39.1500, 28.3820** is the 20% darker color. If you saturate the color by 10%, you get **63.0420, 54.0490, 39.2090**, and if you desaturate by 10%, it is **81.3020, 41.2130, 29.5410**.

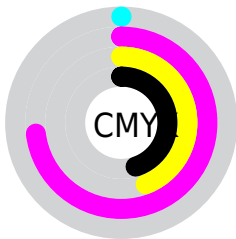
Distribution



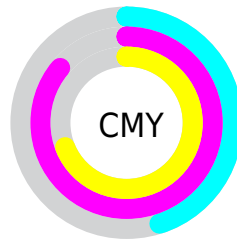
- Red (55%)
- Green (15%)
- Blue (31%)



- Red (55%)
- Yellow (15%)
- Blue (31%)



- Cyan (0%)
- Magenta (73%)
- Yellow (44%)
- Black (45%)





- Cyan (45%)
- Magenta (86%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 72.1720, 47.6310, 34.3750 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 72.1720, 47.6310, 34.3750 by changing the saturation by 10% instead.


 72.1720, 47.6310,
34.3750


 72.1720, 47.6310,
34.3750


255.0000, -0.0000,
-0.0000


 40.0460, 48.2260,
40.1140


 126.4990, 51.0240,
33.4560


 28.9920, 39.1500,
28.3820

 153.6950, 53.4080,
34.3040


 18.8950, 31.6330,
15.9290

 181.2930, 54.6000,
34.7280

 8.1870, 15.7710,
6.0350

 200.8070, 38.2330,
28.4810

 0.0000, 0.0000,
0.0000

 220.4350, 21.5450,
22.5450

 239.1510, 7.4250,

14.1210

■ 72.1720, 47.6310,
34.3750

■ 72.1720, 47.6310,
34.3750

■ 63.0420, 54.0490,
39.2090

■ 81.3020, 41.2130,
29.5410

■ 53.7980, 60.7880,
43.7320

■ 90.5460, 34.4740,
25.0180

■ 47.9450, 64.8680,
46.8840

■ 99.6760, 28.0560,
20.1840

■ 108.8060, 21.6380,
15.3500

■ 117.4630, 15.1740,
11.3500

■ 126.5930, 8.7560,
6.5160

■ 135.7230, 2.3380,
1.6820

■ 144.9670, -4.4010,
-2.8410

■ 154.0970,
-10.8190, -7.6750

Harmonies

Analogous

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



77.5250, 21.7720, 34.9560



72.1720, 47.6310, 34.3750



71.9920, 56.3450, 19.6170

Triad

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



72.1720, 47.6310, 34.3750



66.9380, 10.5970, -32.3710



68.2030, -69.4150, -3.0070

Complementary

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



72.1720, 47.6310, 34.3750



103.8280, -47.6310, -34.3750

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.



67.3590, -61.5270, -13.8070



72.1720, 47.6310, 34.3750



57.7490, -37.2230, -35.7750

Square

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



72.1720, 47.6310, 34.3750



71.8320, 34.8030, -19.5090



63.2550, -49.9710, -25.0030



64.6470, -70.4250, 4.2870

Rectangle

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



72.1720, 47.6310, 34.3750



72.8370, 54.7430, 4.5910



63.2550, -49.9710, -25.0030



68.4650, -67.3970, -6.5410

Sweetspot

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



72.1720, 47.6310, 34.3750



154.7840, 18.7040, 13.4560



66.5680, 3.0180, 44.4420



76.3160, 11.0940, 8.1980



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



72.1720, 47.6310, 34.3750



76.8370, 74.2200, 53.6120



72.1940, 58.5920, 17.4400



64.4350, 3.2090, 2.4170



45.8090, 62.2550, 44.6790



1.7230, 2.3380, 1.6820

Inverse Universe

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



72.1720, 47.6310, 34.3750



76.8370, 74.2200, 53.6120



103.8060, -58.5920, -17.4400



64.4350, 3.2090, 2.4170



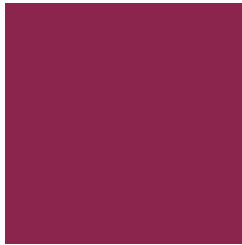
45.8090, 62.2550, 44.6790



1.7230, 2.3380, 1.6820

Previews

White Background



This preview shows how the YIQ color 72.1720, 47.6310, 34.3750 looks on a white background.

Color Contrast Check

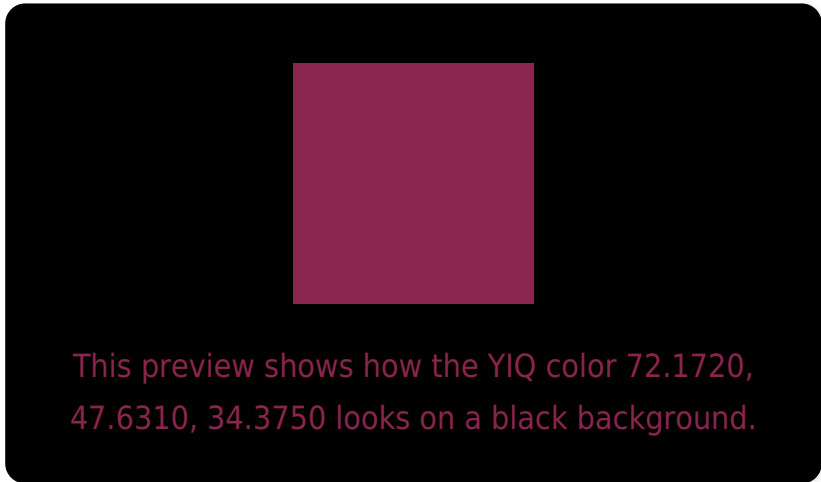
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

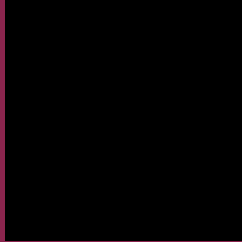
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 72.1720, 47.6310, 34.3750

Background



This preview shows how black text looks on a background with the YIQ color 72.1720, 47.6310, 34.3750.



This preview shows how white text looks on a background with the YIQ color 72.1720, 47.6310,

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

72.1720, 47.6310, 34.3750

Protanopia

78.0560, -11.6010, 6.5030

Deuteranopia

78.3600, 7.7940, 1.9220



Tritanopia

72.7360, 54.1900, 20.1260

Trichromacy



Original Color

72.1720, 47.6310, 34.3750

Protanomaly

75.7000, 10.3130, 16.8490

Deuteranomaly

76.0510, 22.3260, 13.8940

Tritanomaly

72.5280, 52.0800, 25.3280

Monochromacy



Original Color

72.1720, 47.6310, 34.3750

Achromatopsia

72.0000, -0.0000, 0.0000

Achromatomaly

71.7730, 17.2370, 12.5090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 72.1720, 47.6310, 34.3750 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(139, 37, 78)` looks like.

```
.text, #text, p{  
    color:rgb(139, 37, 78)  
}
```

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(139, 37, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 37, 78) }
```

Border

The CSS property to change the border of an element to YIQ 72.1720, 47.6310, 34.3750 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(139, 37, 78) }
```


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

```
.border{ border-color:rgb(139, 37, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 37, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 37, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 37, 78);  
box-shadow:4px 4px 4px 4px rgb(139, 37,  
78) }
```

Background

The CSS property to change the background color of an element to YIQ 72.1720, 47.6310, 34.3750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 37, 78) }
```

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

```
.background{ background-color: rgb(139, 37,  
78) }
```

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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