

Converting Colors

YIQ(71.7260, 52.1230, 41.0750)

Have a look what the booklet for
YIQ(71.7260, 52.1230, 41.0750)
contains.

YIQ(71.7260, 52.1230, 41.0750)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(71.7260, 52.1230,
41.0750)**

Conversions

Conversions Part 1

Format	Color
Hex	931F54
RGB	147, 31, 84
RGB Percent	58%, 12%, 33%
CMY	0.4232, 0.8786, 0.6704
CMYK	0.00, 0.79, 0.43, 0.42
HSL	333°, 65%, 35%
HSV	333°, 79%, 58%
XYZ	14.1374, 7.8285, 9.1621
YIQ	71.7260, 52.1230, 41.0750

Conversions

Conversions Part 2

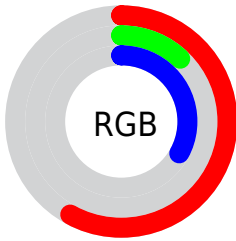
Format	Color
RYB	147, 31, 84
Decimal	9641812
CIELab	33.62, 51.03, -2.08
CIElCh	34, 51.069, 357.661
Yxy	7.8285, 0.4542, 0.2515
Android (android.graphics.Color)	4287831892 (0xFF931F54)
YUV	71.7260, 6.0511, 66.0153
Hunter-Lab	27.9795, 41.2276, 0.1706

Details

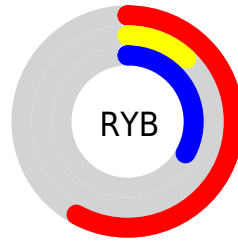
The YIQ color **71.7260, 52.1230, 41.0750** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **106.2740, -52.1230, -41.0750**, and the grayscale version is **72.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **128.1130, 55.2870, 38.7990**, and **31.6550, 41.7170, 31.4210** is the 20% darker color. If you saturate the color by 10%, you get **62.0090, 58.8160, 46.4320**, and if you desaturate by 10%, it is **81.4430, 45.4300, 35.7180**.

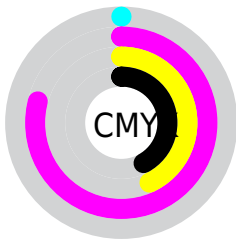
Distribution



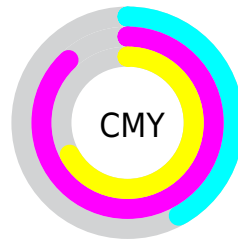
- Red (58%)
- Green (12%)
- Blue (33%)



- Red (58%)
- Yellow (12%)
- Blue (33%)



- Cyan (0%)
- Magenta (79%)
- Yellow (43%)
- Black (42%)





- Cyan (42%)
- Magenta (88%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 71.7260, 52.1230, 41.0750 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 71.7260, 52.1230, 41.0750 by changing the saturation by 10% instead.


 71.7260, 52.1230,
41.0750


 71.7260, 52.1230,
41.0750


255.0000, -0.0000,
-0.0000


 42.5350, 51.3430,
44.1990


 128.1130, 55.2870,
38.7990


 31.6550, 41.7170,
31.4210

 156.0100, 57.0750,
39.4350


 21.6010, 32.6410,
19.6890

 180.8030, 53.2240,
37.6400

 11.1770, 21.7310,
8.1550

 200.4310, 36.5360,
31.7040

 0.0000, 0.0000,
0.0000

 220.1730, 19.5270,
26.0790

 238.5640, 7.7000,

14.6440

■ 71.7260, 52.1230,
41.0750

■ 71.7260, 52.1230,
41.0750

■ 62.0090, 58.8160,
46.4320

■ 81.4430, 45.4300,
35.7180

■ 52.8790, 65.2340,
51.2660

■ 90.5730, 39.0120,
30.8840

■ 51.5910, 66.1050,
52.0010

■ 100.2900, 32.3190,
25.5270

■ 110.0070, 25.6260,
20.1700

■ 119.1370, 19.2080,
15.3360

■ 128.8540, 12.5150,
9.9790

■ 138.5710, 5.8220,
4.6220

■ 148.2880, -0.8710,
-0.7350

■ 157.4180, -7.2890,
-5.5690

Harmonies

Analogous

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



79.2740, 21.2210, 39.4370



71.7260, 52.1230, 41.0750



71.8620, 62.7630, 24.4510

Triad

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



71.7260, 52.1230, 41.0750



69.5960, 11.5600, -33.3040



71.9360, -73.0370, -3.4450

Complementary

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



71.7260, 52.1230, 41.0750



106.2740, -52.1230, -41.0750

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.



70.1630, -63.9110, -14.6550



71.7260, 52.1230, 41.0750



58.8260, -36.1220, -39.2100

Square

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



71.7260, 52.1230, 41.0750



74.2130, 38.1040, -18.7600



65.4890, -50.7500, -27.4060



68.2490, -75.0560, 5.6160

Rectangle

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



71.7260, 52.1230, 41.0750



73.5390, 61.5740, 7.4460



65.4890, -50.7500, -27.4060



71.6110, -70.7440, -6.4560

Sweetspot

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



71.7260, 52.1230, 41.0750



161.1480, 20.6750, 16.2830



62.7620, -0.2840, 49.2200



78.8540, 12.5150, 9.9790



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



71.7260, 52.1230, 41.0750



73.5810, 81.2330, 64.1850



68.0320, 68.0360, 22.5000



69.4350, 3.2090, 2.4170



48.4440, 62.0250, 48.8490



3.5600, 4.3550, 3.6750

Inverse Universe

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



71.7260, 52.1230, 41.0750



73.5810, 81.2330, 64.1850



109.9680, -68.0360, -22.5000



69.4350, 3.2090, 2.4170



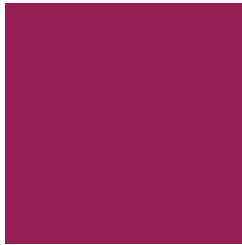
48.4440, 62.0250, 48.8490



3.5600, 4.3550, 3.6750

Previews

White Background



This preview shows how the YIQ color 71.7260, 52.1230, 41.0750 looks on a white background.

Color Contrast Check

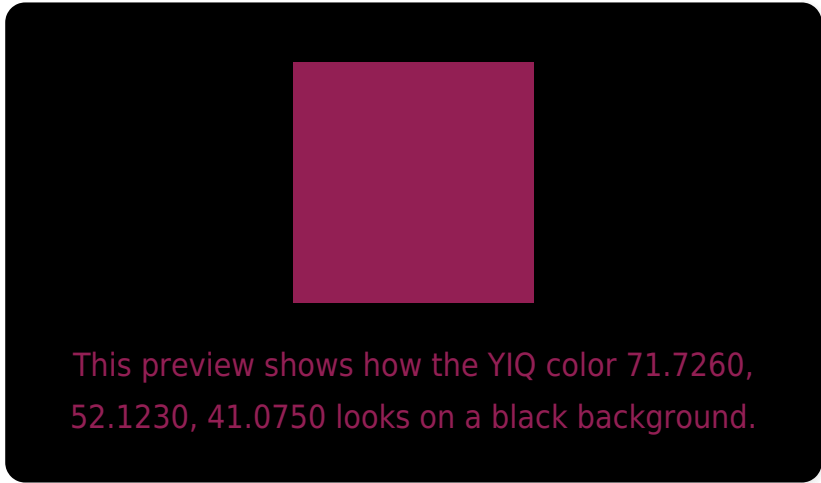
Large Text (above 18pt) WCAG AA ✓ Pass

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 71.7260, 52.1230, 41.0750

Background



This preview shows how black text looks on a background with the YIQ color 71.7260, 52.1230, 41.0750.



This preview shows how white text looks on a background with the YIQ color 71.7260, 52.1230,

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

71.7260, 52.1230, 41.0750

Protanopia

80.2990, -16.5990, 8.9770

Deuteranopia

81.2890, 6.5560, 2.3320



Tritanopia

73.7260, 60.1500, 22.2460

Trichromacy



Original Color

71.7260, 52.1230, 41.0750

Protanomaly

77.4380, 8.2950, 20.3830

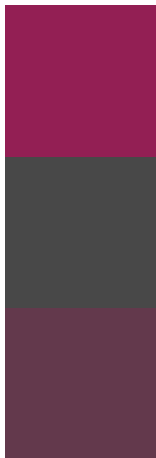
Deuteranomaly

77.8170, 23.1050, 16.2970

Tritanomaly

73.2730, 57.3520, 28.9040

Monochromacy



Original Color

71.7260, 52.1230, 41.0750

Achromatopsia

72.0000, -0.0000, 0.0000

Achromatomaly

71.7240, 18.9330, 14.8130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 71.7260, 52.1230, 41.0750 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(147, 31, 84)` looks like.

```
.text, #text, p{  
    color:rgb(147, 31, 84)  
}
```

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(147, 31, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 31, 84) }
```

Border

The CSS property to change the border of an element to YIQ 71.7260, 52.1230, 41.0750 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(147, 31, 84) }
```


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

```
.border{ border-color:rgb(147, 31, 84) }
```

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

Here you see how a box with a 4 pixel rgb(147, 31, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 31, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 31, 84);  
box-shadow:4px 4px 4px 4px rgb(147, 31,  
84) }
```

Background

The CSS property to change the background color of an element to YIQ 71.7260, 52.1230, 41.0750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 31, 84) }
```

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

```
.background{ background-color: rgb(147, 31,  
84) }
```

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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