

Converting Colors

YIQ(75.7120, 54.7380, 32.2260)

Have a look what the booklet for
YIQ(75.7120, 54.7380, 32.2260)
contains.

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Color

**YIQ(75.7120, 54.7380,
32.2260)**

Conversions

Conversions Part 1

Format	Color
Hex	942846
RGB	148, 40, 70
RGB Percent	58%, 16%, 27%
CMY	0.4193, 0.8433, 0.7253
CMYK	0.00, 0.73, 0.53, 0.42
HSL	343°, 58%, 37%
HSV	343°, 73%, 58%
XYZ	14.0898, 8.2598, 6.6542
YIQ	75.7120, 54.7380, 32.2260

Conversions

Conversions Part 2

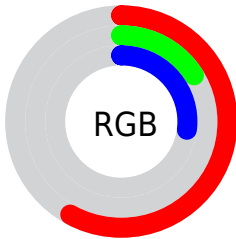
Format	Color
R_{YB}	148, 40, 70
Decimal	9709638
CIE _{Lab}	34.52, 46.87, 8.32
CIE _{LCh}	35, 47.604, 10.068
Yxy	8.2598, 0.4858, 0.2848
Android (android.graphics.Color)	4287899718 (0xFF942846)
YUV	75.7120, -2.8160, 63.3966
Hunter-Lab	28.7399, 37.2152, 6.3903

Details

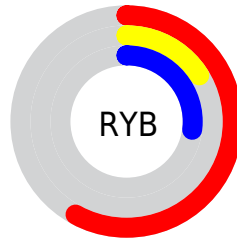
The YIQ color **75.7120, 54.7380, 32.2260** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **112.2880, -54.7380, -32.2260**, and the grayscale version is **76.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **130.2240, 59.0480, 31.2080**, and **30.5860, 46.1650, 27.9010** is the 20% darker color. If you saturate the color by 10%, you get **65.6530, 62.3940, 36.6500**, and if you desaturate by 10%, it is **85.7710, 47.0820, 27.8020**.

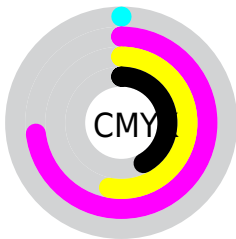
Distribution



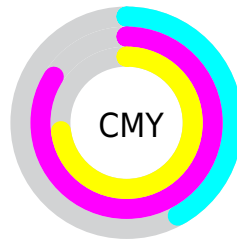
- Red (58%)
- Green (16%)
- Blue (27%)



- Red (58%)
- Yellow (16%)
- Blue (27%)



- Cyan (0%)
- Magenta (73%)
- Yellow (53%)
- Black (42%)





- Cyan (42%)
- Magenta (84%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 75.7120, 54.7380, 32.2260 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 75.7120, 54.7380, 32.2260 by changing the saturation by 10% instead.


 75.7120, 54.7380,
32.2260


 75.7120, 54.7380,
32.2260

255.0000, -0.0000,
-0.0000


 43.7000, 55.0120,
38.2760


 130.2240, 59.0480,
31.2080


 30.5860, 46.1650,
27.9010

 158.0070, 61.1570,
31.5330


 19.4350, 38.7400,
13.7800

 182.5010, 56.7100,
29.5260

 11.1770, 21.7310,
8.1550

 201.4280, 40.6180,
23.8020

 0.0000, 0.0000,
0.0000

 221.6430, 23.6550,
17.3430

 241.3850, 6.6460,

11.7180

■ 75.7120, 54.7380,
32.2260

■ 75.7120, 54.7380,
32.2260

■ 65.6530, 62.3940,
36.6500

■ 85.7710, 47.0820,
27.8020

■ 55.7080, 69.7290,
41.3850

■ 95.7160, 39.7470,
23.0670

■ 48.9260, 75.0470,
44.1270

■ 105.1880, 32.3660,
19.1660

■ 115.2470, 24.7100,
14.7420

■ 125.1920, 17.3750,
10.0070

■ 135.2510, 9.7190,
5.5830

■ 145.3100, 2.0630,
1.1590

■ 154.7820, -5.3180,
-2.7420

■ 164.7270,
-12.6530, -7.4770

Harmonies

Analogous

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



80.2660, 32.8670, 37.6270



75.7120, 54.7380, 32.2260



76.5590, 58.8220, 13.2700

Triad

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



75.7120, 54.7380, 32.2260



68.8700, -3.8910, -34.1230



71.4460, -74.4130, -0.5330

Complementary

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



75.7120, 54.7380, 32.2260



112.2880, -54.7380, -32.2260

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.



71.6450, -68.0840, -10.6120



75.7120, 54.7380, 32.2260



63.0950, -44.0090, -33.9370

Square

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



75.7120, 54.7380, 32.2260



75.3210, 28.7520, -25.4880



68.1280, -56.8030, -22.3310



65.9180, -72.6260, 5.6300

Rectangle

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



75.7120, 54.7380, 32.2260



76.6810, 54.8820, -3.4380



68.1280, -56.8030, -22.3310



71.9360, -73.0370, -3.4450

Sweetspot

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



75.7120, 54.7380, 32.2260



162.9260, 21.1800, 12.6360



75.3350, 11.2240, 49.9120



80.2730, 12.6530, 7.4770



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.



75.7120, 54.7380, 32.2260



78.5900, 85.0410, 50.2330



85.7930, 58.0430, 10.8670



69.3210, 3.5300, 2.1060



45.5940, 70.0500, 41.0740



3.3320, 4.9970, 3.0530

Inverse Universe

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



75.7120, 54.7380, 32.2260



78.5900, 85.0410, 50.2330



102.2070, -58.0430, -10.8670



69.3210, 3.5300, 2.1060



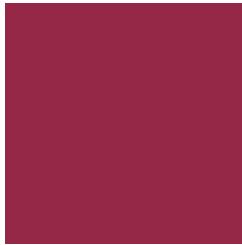
45.5940, 70.0500, 41.0740



3.3320, 4.9970, 3.0530

Previews

White Background



This preview shows how the YIQ color 75.7120, 54.7380, 32.2260 looks on a white background.

Color Contrast Check

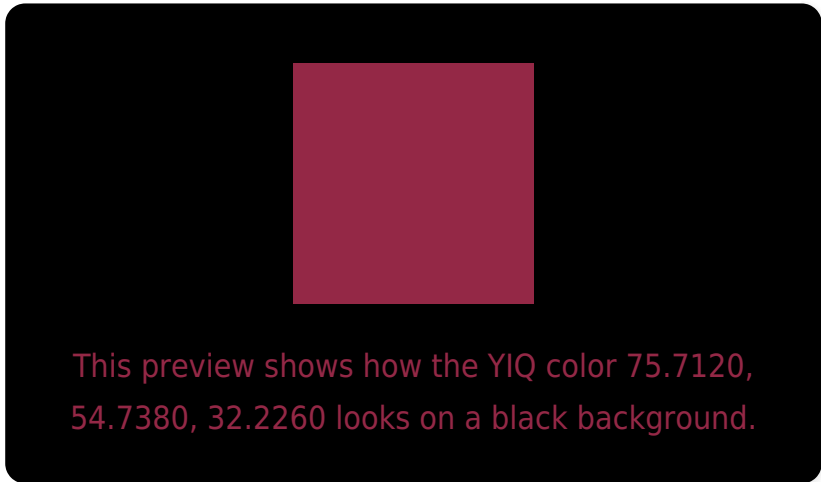
Large Text (above 18pt) WCAG AA ✓ Pass

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

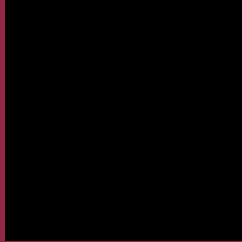
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 75.7120, 54.7380, 32.2260

Background



This preview shows how black text looks on a background with the YIQ color 75.7120, 54.7380, 32.2260.



This preview shows how white text looks on a background with the YIQ color 75.7120, 54.7380,

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

75.7120, 54.7380, 32.2260

Protanopia

82.8410, -3.8060, 2.8980

Deuteranopia

82.4870, 14.6260, -0.7500



Tritanopia

75.7260, 60.1500, 22.2460

Trichromacy



Original Color

75.7120, 54.7380, 32.2260

Protanomaly

80.3000, 17.1910, 13.3430

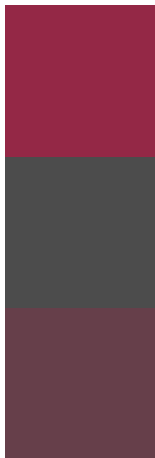
Deuteranomaly

80.1780, 29.1580, 11.2220

Tritanomaly

75.4640, 58.1320, 25.7800

Monochromacy



Original Color

75.7120, 54.7380, 32.2260

Achromatopsia

76.0000, -0.0000, -0.0000

Achromatomaly

75.9150, 19.7130, 11.6890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 75.7120, 54.7380, 32.2260 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(148, 40, 70)` looks like.

```
.text, #text, p{  
    color:rgb(148, 40, 70)  
}
```

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(148, 40, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 40, 70) }
```

Border

The CSS property to change the border of an element to YIQ 75.7120, 54.7380, 32.2260 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(148, 40, 70) }
```


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

```
.border{ border-color:rgb(148, 40, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 40, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 40, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 40, 70);  
box-shadow:4px 4px 4px 4px rgb(148, 40,  
70) }
```

Background

The CSS property to change the background color of an element to YIQ 75.7120, 54.7380, 32.2260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 40, 70) }
```

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

```
.background{ background-color: rgb(148, 40,  
70) }
```

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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