

Converting Colors

YIQ(75.4570, 60.0100, 35.8020)

Have a look what the booklet for
YIQ(75.4570, 60.0100, 35.8020)
contains.

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Color

**YIQ(75.4570, 60.0100,
35.8020)**

Conversions

Conversions Part 1

Format	Color
Hex	9B2446
RGB	155, 36, 70
RGB Percent	61%, 14%, 27%
CMY	0.3919, 0.8590, 0.7253
CMYK	0.00, 0.77, 0.55, 0.39
HSL	343°, 62%, 37%
HSV	343°, 77%, 61%
XYZ	15.2690, 8.6779, 6.6735
YIQ	75.4570, 60.0100, 35.8020

Conversions

Conversions Part 2

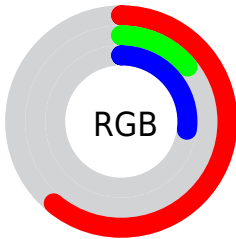
Format	Color
RYB	155, 36, 70
Decimal	10167366
CIELab	35.36, 50.44, 9.69
CIELCh	35, 51.365, 10.875
Yxy	8.6779, 0.4987, 0.2834
Android (android.graphics.Color)	4288357446 (0xFF9B2446)
YUV	75.4570, -2.6903, 69.7592
Hunter-Lab	29.4582, 40.9698, 7.1891

Details

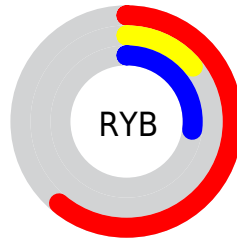
The YIQ color **75.4570, 60.0100, 35.8020** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **115.5430, -60.0100, -35.8020**, and the grayscale version is **75.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **131.4420, 64.3660, 33.9500**, and **32.3800, 49.7410, 29.1730** is the 20% darker color. If you saturate the color by 10%, you get **64.8110, 67.9410, 40.7490**, and if you desaturate by 10%, it is **85.5160, 52.3540, 31.3780**.

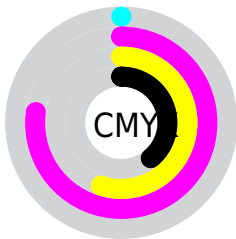
Distribution



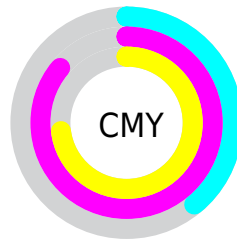
- Red (61%)
- Green (14%)
- Blue (27%)



- Red (61%)
- Yellow (14%)
- Blue (27%)



- Cyan (0%)
- Magenta (77%)
- Yellow (55%)
- Black (39%)



- Cyan (39%)
- Magenta (86%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 75.4570, 60.0100, 35.8020 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 75.4570, 60.0100, 35.8020 by changing the saturation by 10% instead.


 75.4570, 60.0100,
35.8020


 75.4570, 60.0100,
35.8020


255.0000, -0.0000,
-0.0000


 43.1460, 59.6880,
41.6400


 131.4420, 64.3660,
33.9500


 32.3800, 49.7410,
29.1730

 159.2250, 66.4750,
34.2750


 21.2290, 42.3160,
15.0520

 181.3270, 57.2600,
30.5720

 12.9710, 25.3070,
9.4270

 200.8410, 40.8930,
24.3250

 0.0000, 0.0000,
0.0000

 221.0560, 23.9300,
17.8660

 240.7980, 6.9210,

12.2410

■ 75.4570, 60.0100,
35.8020

■ 75.4570, 60.0100,
35.8020

■ 64.8110, 67.9410,
40.7490

■ 85.5160, 52.3540,
31.3780

■ 54.7520, 75.5970,
45.1730

■ 96.1620, 44.4230,
26.4310

■ 51.3610, 78.2560,
46.5440

■ 106.2210, 36.7670,
22.0070

■ 116.8670, 28.8360,
17.0600

■ 126.9260, 21.1800,
12.6360

■ 137.5720, 13.2490,
7.6890

■ 148.3320, 4.9970,
3.0530

■ 158.3910, -2.6590,
-1.3710

■ 169.0370,
-10.5900, -6.3180

Harmonies

Analogous

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



80.3530, 37.1760, 42.1360



75.4570, 60.0100, 35.8020



77.7120, 62.7650, 13.3970

Triad

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



75.4570, 60.0100, 35.8020



68.7510, -5.1740, -38.4060



74.1190, -77.8060, 0.3860

Complementary

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



75.4570, 60.0100, 35.8020



115.5430, -60.0100, -35.8020

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.



74.2040, -71.1560, -10.0040



75.4570, 60.0100, 35.8020



64.9700, -45.1550, -35.1950

Square

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



75.4570, 60.0100, 35.8020



76.7940, 28.7980, -26.3220



70.3450, -58.9120, -22.6560



67.5310, -75.7900, 7.9060

Rectangle

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



75.4570, 60.0100, 35.8020



77.8510, 60.1550, -5.3890



70.3450, -58.9120, -22.6560



74.6090, -76.4300, -2.5260

Sweetspot

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



75.4570, 60.0100, 35.8020



170.2360, 23.2430, 13.7950



74.3830, 11.2690, 54.6050



82.6970, 14.3950, 8.9470



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



75.4570, 60.0100, 35.8020



77.3570, 93.2470, 55.7030



85.6690, 64.3240, 12.6760



71.6200, 4.1260, 2.3180



46.4200, 70.6000, 42.1200



4.3430, 6.4640, 4.0000

Inverse Universe

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



75.4570, 60.0100, 35.8020



77.3570, 93.2470, 55.7030



105.3310, -64.3240, -12.6760



71.6200, 4.1260, 2.3180



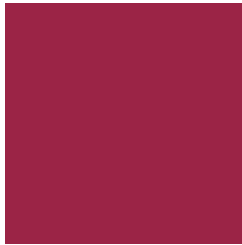
46.4200, 70.6000, 42.1200



4.3430, 6.4640, 4.0000

Previews

White Background



This preview shows how the YIQ color 75.4570, 60.0100, 35.8020 looks on a white background.

Color Contrast Check

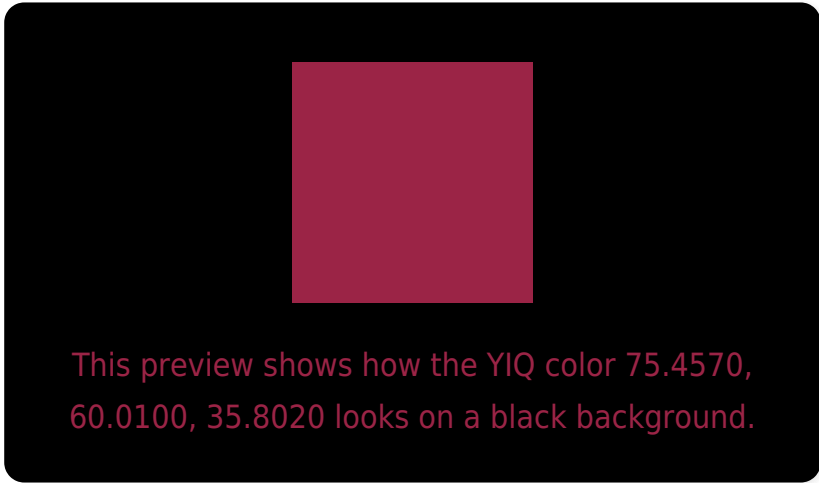
Large Text (above 18pt) WCAG AA ✓ Pass

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 75.4570, 60.0100, 35.8020

Background



This preview shows how black text looks on a background with the YIQ color 75.4570, 60.0100, 35.8020.



This preview shows how white text looks on a background with the YIQ color 75.4570, 60.0100,

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

75.4570, 60.0100, 35.8020

Protanopia

84.8410, -3.8060, 2.8980

Deuteranopia

84.4440, 16.1850, -1.4710



Tritanopia

75.7160, 66.1100, 24.3660

Trichromacy



Original Color

75.4570, 60.0100, 35.8020

Protanomaly

81.6100, 19.2540, 14.5020

Deuteranomaly

81.2600, 31.8630, 11.7590

Tritanomaly

75.5680, 63.7710, 28.2110

Monochromacy



Original Color

75.4570, 60.0100, 35.8020

Achromatopsia

75.0000, -0.0000, -0.0000

Achromatomaly

75.2250, 21.7760, 12.8480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 75.4570, 60.0100, 35.8020 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(155, 36, 70)` looks like.

```
.text, #text, p{  
    color:rgb(155, 36, 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(155, 36, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 36, 70) }
```

Border

The CSS property to change the border of an element to YIQ 75.4570, 60.0100, 35.8020 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(155, 36, 70) }
```


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

```
.border{ border-color:rgb(155, 36, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 36, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 36, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 36, 70);  
box-shadow:4px 4px 4px 4px rgb(155, 36,  
70) }
```

Background

The CSS property to change the background color of an element to YIQ 75.4570, 60.0100, 35.8020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 36, 70) }
```

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

```
.background{ background-color: rgb(155, 36,  
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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