

Converting Colors

YIQ(56.1060, 74.3600, 40.0560)

Have a look what the booklet for
YIQ(56.1060, 74.3600, 40.0560)
contains.

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Color

**YIQ(56.1060, 74.3600,
40.0560)**

Conversions

Conversions Part 1

Format	Color
Hex	980A2A
RGB	152, 10, 42
RGB Percent	60%, 4%, 16%
CMY	0.4036, 0.9609, 0.8350
CMYK	0.00, 0.93, 0.72, 0.40
HSL	346°, 88%, 32%
HSV	346°, 93%, 60%
XYZ	13.4930, 7.0677, 2.8500
YIQ	56.1060, 74.3600, 40.0560

Conversions

Conversions Part 2

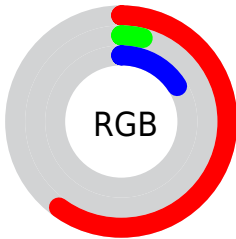
Format	Color
R_{YB}	152, 10, 42
Decimal	9964074
CIE _{Lab}	31.96, 54.11, 23.31
CIE _{LCh}	32, 58.913, 23.306
Yxy	7.0677, 0.5764, 0.3019
Android (android.graphics.Color)	4288154154 (0xFF980A2A)
YUV	56.1060, -6.9543, 84.0990
Hunter-Lab	26.5851, 44.0723, 12.2535

Details

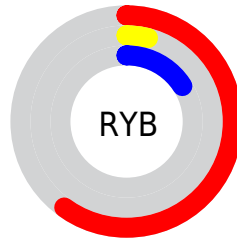
The YIQ color **56.1060, 74.3600, 40.0560** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **105.8940, -74.3600, -40.0560**, and the grayscale version is **56.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **118.8040, 77.8460, 31.9420**, and **27.8070, 55.4280, 19.7160** is the 20% darker color. If you saturate the color by 10%, you get **49.3240, 79.6780, 42.7980**, and if you desaturate by 10%, it is **66.2790, 66.3830, 35.9430**.

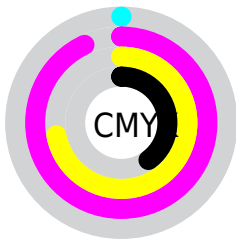
Distribution



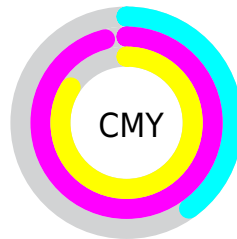
- Red (60%)
- Green (4%)
- Blue (16%)



- Red (60%)
- Yellow (4%)
- Blue (16%)



- Cyan (0%)
- Magenta (93%)
- Yellow (72%)
- Black (40%)



- Cyan (40%)
- Magenta (96%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 56.1060, 74.3600, 40.0560 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 56.1060, 74.3600, 40.0560 by changing the saturation by 10% instead.

■ 56.1060, 74.3600,
40.0560

■ 56.1060, 74.3600,
40.0560

■ 255.0000, -0.0000,
-0.0000

■ 38.9860, 65.6500,
32.7060

■ 118.8040, 77.8460,
31.9420

■ 27.8070, 55.4280,
19.7160

■ 146.7720, 80.8720,
32.1680

■ 19.6630, 38.0980,
14.4020

■ 169.3470, 71.7030,
27.6310

■ 9.9810, 19.3470,
7.3070


■ 188.7470, 55.6570,
21.0730


■ 0.0000, 0.0000,
0.0000


■ 208.2610, 39.2900,
14.8260


■ 228.4760, 22.3270,


8.3670


 248.6910, 5.3640,
1.9080


 56.1060, 74.3600,
40.0560


 56.1060, 74.3600,
40.0560

 49.3240, 79.6780,
42.7980

 66.2790, 66.3830,
35.9430

 76.4520, 58.4060,
31.8300

 87.0980, 50.4750,
26.8830

 97.2710, 42.4980,
22.7700

 107.4440, 34.5210,
18.6570

■ 117.6170, 26.5440,
14.5440

■ 127.6760, 18.8880,
10.1200

■ 138.4360, 10.6360,
5.4840

■ 148.6090, 2.6590,
1.3710

Harmonies

Analogous

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



54.5830, 60.5560, 58.9560



56.1060, 74.3600, 40.0560



67.6550, 66.9390, 3.8270

Triad

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



56.1060, 74.3600, 40.0560



53.8560, -27.6390, -44.2710



68.4600, -77.0280, 8.3160

Complementary

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



56.1060, 74.3600, 40.0560



105.8940, -74.3600, -40.0560

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.



71.1040, -73.4500, -1.4660



56.1060, 74.3600, 40.0560



62.3600, -46.0730, -29.5690

Square

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



56.1060, 74.3600, 40.0560



66.3620, 12.3390, -30.9010



67.8320, -61.4810, -14.6410



69.1480, -49.2460, 22.4500

Rectangle

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



56.1060, 74.3600, 40.0560



71.0670, 50.6190, -8.7810



67.8320, -61.4810, -14.6410



70.4660, -77.1650, 5.2910

Sweetspot

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



56.1060, 74.3600, 40.0560



161.2260, 29.2030, 15.9150



58.7790, 19.3820, 67.2700



76.6650, 17.4210, 9.1730



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



56.1060, 74.3600, 40.0560



64.6310, 104.1590, 56.1830



74.7640, 74.1820, 10.2300



71.6200, 4.1260, 2.3180



45.5080, 73.1680, 39.6320



4.2290, 6.7850, 3.6890

Inverse Universe

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



56.1060, 74.3600, 40.0560



64.6310, 104.1590, 56.1830



87.2360, -74.1820, -10.2300



71.6200, 4.1260, 2.3180



45.5080, 73.1680, 39.6320



4.2290, 6.7850, 3.6890

Previews

White Background



This preview shows how the YIQ color 56.1060, 74.3600, 40.0560 looks on a white background.

Color Contrast Check

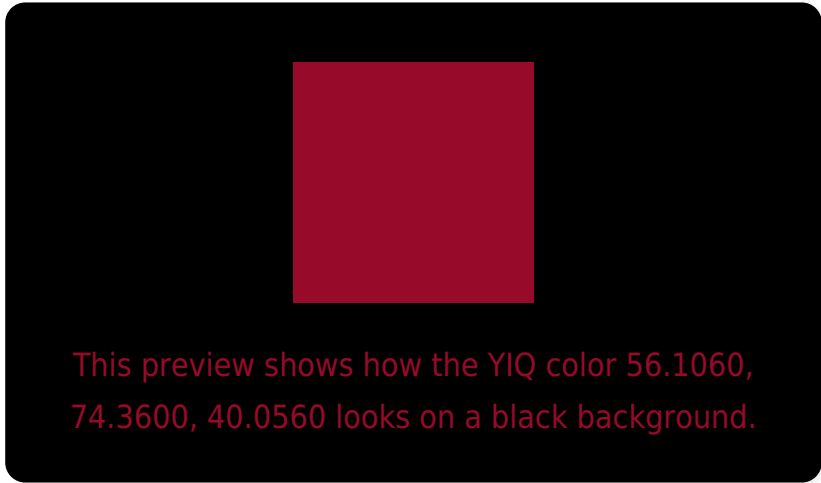
Large Text (above 18pt) WCAG AA ✓ Pass

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 56.1060, 74.3600, 40.0560

Background



This preview shows how black text looks on a background with the YIQ color 56.1060, 74.3600, 40.0560.



This preview shows how white text looks on a background with the YIQ color 56.1060, 74.3600,

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

56.1060, 74.3600, 40.0560

Protanopia

76.7850, 7.7950, -3.6050

Deuteranopia

76.0180, 25.9520, -7.7760



Tritanopia

58.4250, 80.2310, 27.2630

Trichromacy



Original Color

56.1060, 74.3600, 40.0560

Protanomaly

69.3740, 31.5420, 12.0700

Deuteranomaly

68.8390, 43.2340, 9.4260

Tritanomaly

57.6900, 78.1670, 31.6310

Monochromacy



Original Color

56.1060, 74.3600, 40.0560

Achromatopsia

56.0000, -0.0000, 0.0000

Achromatomaly

55.9160, 27.1400, 14.7560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 56.1060, 74.3600, 40.0560 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(152, 10, 42)` looks like.

```
.text, #text, p{  
    color:rgb(152, 10, 42)  
}
```

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(152, 10, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 10, 42) }
```

Border

The CSS property to change the border of an element to YIQ 56.1060, 74.3600, 40.0560 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(152, 10, 42) }
```


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

```
.border{ border-color:rgb(152, 10, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 10, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 10, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 10, 42);  
box-shadow:4px 4px 4px 4px rgb(152, 10,  
42) }
```

Background

The CSS property to change the background color of an element to YIQ 56.1060, 74.3600, 40.0560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 10, 42) }
```

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

```
.background{ background-color: rgb(152, 10,  
42) }
```

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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