

Converting Colors

YIQ(54.6200, 40.7980, 42.5740)

Have a look what the booklet for
YIQ(54.6200, 40.7980, 42.5740)
contains.

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Color

**YIQ(54.6200, 40.7980,
42.5740)**

Conversions

Conversions Part 1

Format	Color
Hex	781052
RGB	120, 16, 82
RGB Percent	47%, 6%, 32%
CMY	0.5291, 0.9374, 0.6783
CMYK	0.00, 0.87, 0.32, 0.53
HSL	322°, 77%, 27%
HSV	322°, 87%, 47%
XYZ	9.4647, 4.9773, 8.4501
YIQ	54.6200, 40.7980, 42.5740

Conversions

Conversions Part 2

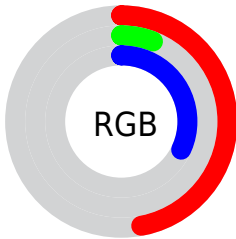
Format	Color
R_{YB}	120, 16, 82
Decimal	7868498
CIE _{Lab}	26.67, 47.83, -11.74
CIE _{LCh}	27, 49.251, 346.209
Yxy	4.9773, 0.4134, 0.2174
Android (android.graphics.Color)	4286058578 (0xFF781052)
YUV	54.6200, 13.4983, 57.3383
Hunter-Lab	22.3098, 36.6844, -6.8401

Details

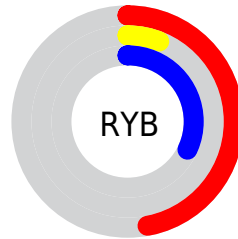
The YIQ color **54.6200, 40.7980, 42.5740** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **81.3800, -40.7980, -42.5740**, and the grayscale version is **54.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **110.9960, 42.4950, 39.3510**, and **24.2510, 28.0550, 25.7110** is the 20% darker color. If you saturate the color by 10%, you get **47.1200, 45.3820, 47.6060**, and if you desaturate by 10%, it is **62.1200, 36.2140, 37.5420**.

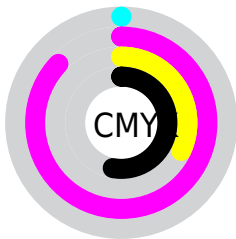
Distribution



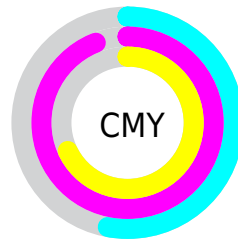
- Red (47%)
- Green (6%)
- Blue (32%)



- Red (47%)
- Yellow (6%)
- Blue (32%)



- Cyan (0%)
- Magenta (87%)
- Yellow (32%)
- Black (53%)



- Cyan (53%)
- Magenta (94%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 54.6200, 40.7980, 42.5740 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 54.6200, 40.7980, 42.5740 by changing the saturation by 10% instead.

■ 54.6200, 40.7980,
42.5740

■ 54.6200, 40.7980,
42.5740

■ 255.0000, -0.0000,
-0.0000

■ 34.5330, 36.4890,
38.0650

■ 110.9960, 42.4950,
39.3510

■ 24.2510, 28.0550,
25.7110

■ 138.5940, 43.6870,
39.7750

■ 14.5670, 20.8130,
13.7810

■ 165.6050, 45.1540,
40.7220


■ 0.0000, 0.0000,
0.0000


■ 191.3980, 41.3030,
38.9270


■ 210.5530, 24.5690,
33.8250


■ 229.1720, 12.1000,


23.0120


 246.1950, 4.1250,
7.8450


 54.6200, 40.7980,
42.5740


 54.6200, 40.7980,
42.5740


 47.1200, 45.3820,
47.6060


 62.1200, 36.2140,
37.5420

 44.5440, 47.1240,
49.0760

 69.7340, 31.3090,
32.8210

 77.2340, 26.7250,
27.7890

 84.8480, 21.8200,
23.0680

 92.3480, 17.2360,
18.0360

■ 99.8480, 12.6520,
13.0040

■ 107.4620, 7.7470,
8.2830

■ 114.9620, 3.1630,
3.2510

■ 122.5760, -1.7420,
-1.4700

Harmonies

Analogous

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



63.9020, 4.5330, 33.5010



54.6200, 40.7980, 42.5740



49.5600, 58.2220, 35.1660

Triad

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



54.6200, 40.7980, 42.5740



57.8560, 17.0600, -22.8440



59.1240, -59.0070, -4.4070

Complementary

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



54.6200, 40.7980, 42.5740



81.3800, -40.7980, -42.5740

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.



55.8350, -48.3680, -15.5040



54.6200, 40.7980, 42.5740



44.0250, -20.6250, -39.2250

Square

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



54.6200, 40.7980, 42.5740



59.7930, 39.7070, -9.2610



50.8020, -35.5740, -27.1100



58.4690, -64.0520, 4.4280

Rectangle

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



54.6200, 40.7980, 42.5740



55.1940, 58.5920, 17.4400



50.8020, -35.5740, -27.1100



58.5710, -56.0720, -8.0400

Sweetspot

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



54.6200, 40.7980, 42.5740



130.2230, 16.0900, 16.7780



38.6200, -11.9280, 39.9760



63.8860, 9.4890, 9.7530



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



54.6200, 40.7980, 42.5740



57.9300, 61.1970, 63.8610



48.9200, 56.8480, 27.0240



57.2500, 2.2920, 2.5160



46.3810, 49.1410, 51.0690



93.5880, 98.8320, 103.1840

Inverse Universe

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



54.6200, 40.7980, 42.5740



57.9300, 61.1970, 63.8610



87.0800, -56.8480, -27.0240



57.2500, 2.2920, 2.5160



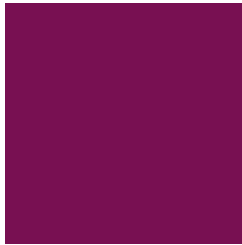
46.3810, 49.1410, 51.0690



93.5880, 98.8320, 103.1840

Previews

White Background



This preview shows how the YIQ color 54.6200, 40.7980, 42.5740 looks on a white background.

Color Contrast Check

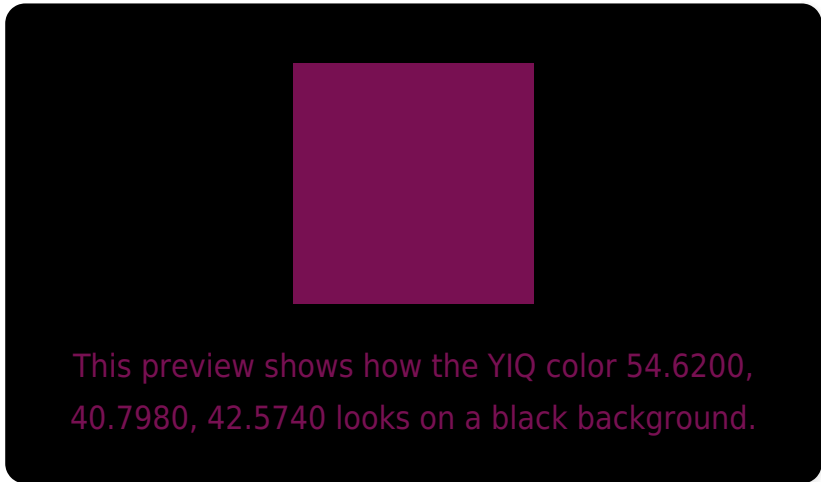
Large Text (above 18pt) WCAG AA ✓ Pass

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

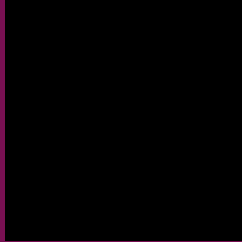
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 54.6200, 40.7980, 42.5740

Background



This preview shows how black text looks on a background with the YIQ color 54.6200, 40.7980, 42.5740.



This preview shows how white text looks on a background with the YIQ color 54.6200, 40.7980,

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

54.6200, 40.7980, 42.5740

Protanopia

63.1220, -29.1620, 10.8860

Deuteranopia

66.0800, -2.9810, 4.4670



Tritanopia

59.7460, 48.2300, 18.0060

Trichromacy



Original Color

54.6200, 40.7980, 42.5740

Protanomaly

60.1470, -3.9470, 21.9810

Deuteranomaly

62.3090, 12.9720, 18.2200

Tritanomaly

57.7600, 45.6150, 26.8550

Monochromacy



Original Color

54.6200, 40.7980, 42.5740

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.0980, 14.9440, 15.5200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 54.6200, 40.7980, 42.5740 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(120, 16, 82)` looks like.

```
.text, #text, p{  
    color:rgb(120, 16, 82)  
}
```

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(120, 16, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 16, 82) }
```

Border

The CSS property to change the border of an element to YIQ 54.6200, 40.7980, 42.5740 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(120, 16, 82) }
```


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

```
.border{ border-color:rgb(120, 16, 82) }
```

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

Here you see how a box with a 4 pixel rgb(120, 16, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 16, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 16, 82);  
box-shadow:4px 4px 4px 4px rgb(120, 16,  
82) }
```

Background

The CSS property to change the background color of an element to YIQ 54.6200, 40.7980, 42.5740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 16, 82) }
```

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

```
.background{ background-color: rgb(120, 16,  
82) }
```

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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