

Converting Colors

YIQ(53.4200, 52.2640, 21.9920)

Have a look what the booklet for
YIQ(53.4200, 52.2640, 21.9920)
contains.

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Color

**YIQ(53.4200, 52.2640,
21.9920)**

Conversions

Conversions Part 1

Format	Color
Hex	751921
RGB	117, 25, 33
RGB Percent	46%, 10%, 13%
CMY	0.5410, 0.9021, 0.8704
CMYK	0.00, 0.79, 0.72, 0.54
HSL	355°, 65%, 28%
HSV	355°, 79%, 46%
XYZ	7.9658, 4.5896, 1.9086
YIQ	53.4200, 52.2640, 21.9920

Conversions

Conversions Part 2

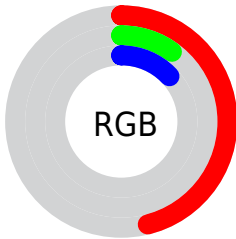
Format	Color
R_{YB}	117, 25, 33
Decimal	7674145
CIE Lab	25.53, 39.79, 19.65
CIE LCh	26, 44.382, 26.283
Yxy	4.5896, 0.5507, 0.3173
Android (android.graphics.Color)	4285864225 (0xFF751921)
YUV	53.4200, -10.0671, 55.7597
Hunter-Lab	21.4233, 28.8810, 9.7140

Details

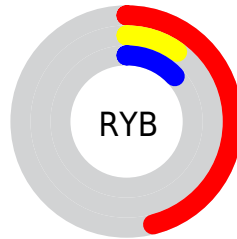
The YIQ color **53.4200, 52.2640, 21.9920** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **88.5800, -52.2640, -21.9920**, and the grayscale version is **53.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **106.0030, 57.8120, 20.5640**, and **18.5380, 36.9520, 13.1440** is the 20% darker color. If you saturate the color by 10%, you get **45.1220, 59.0950, 24.8470**, and if you desaturate by 10%, it is **61.7180, 45.4330, 19.1370**.

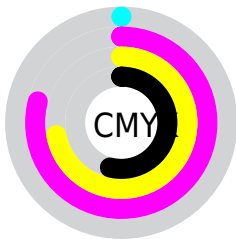
Distribution



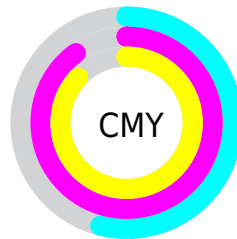
- Red (46%)
- Green (10%)
- Blue (13%)



- Red (46%)
- Yellow (10%)
- Blue (13%)



- Cyan (0%)
- Magenta (79%)
- Yellow (72%)
- Black (54%)



- Cyan (54%)
- Magenta (90%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 53.4200, 52.2640, 21.9920 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 53.4200, 52.2640, 21.9920 by changing the saturation by 10% instead.

■ 53.4200, 52.2640,
21.9920

■ 53.4200, 52.2640,
21.9920

255.0000, -0.0000,
-0.0000

■ 27.8650, 49.5130,
22.2890

■ 106.3020, 58.4080,
20.7760

■ 18.5380, 36.9520,
13.1440

■ 132.9710, 60.8380,
20.7900

■ 10.2800, 19.9430,
7.5190

■ 160.0530, 63.5430,
21.3270

■ 0.0000, 0.0000,
0.0000

■ 185.1450, 60.2880,
19.7440

■ 204.6590, 43.9210,
13.4970

■ 224.1730, 27.5540,

7.2500

244.3880, 10.5910,
0.7910

53.4200, 52.2640,
21.9920

53.4200, 52.2640,
21.9920

45.1220, 59.0950,
24.8470

61.7180, 45.4330,
19.1370

37.5250, 65.3300,
27.4900

69.3150, 39.1980,
16.4940

36.1230, 66.5220,
27.9140

77.6130, 32.3670,
13.6390

85.9110, 25.5360,
10.7840

93.5080, 19.3010,
8.1410

■ 101.8060, 12.4700,
5.2860

■ 110.1040, 5.6390,
2.4310

■ 118.2880, -0.8710,
-0.7350

■ 125.9990, -7.4270,
-3.0670

Harmonies

Analogous

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



53.3610, 42.7250, 35.1810



53.4200, 52.2640, 21.9920



56.0380, 49.5630, -0.6530

Triad

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



53.4200, 52.2640, 21.9920



44.5440, -26.2200, -31.4360



53.3340, -59.2380, 5.2900

Complementary

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



53.4200, 52.2640, 21.9920



88.5800, -52.2640, -21.9920

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.



56.0750, -57.3110, -2.1030



53.4200, 52.2640, 21.9920



50.2950, -38.2800, -22.1200

Square

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



53.4200, 52.2640, 21.9920



53.0830, 8.9910, -25.2890



54.2850, -49.5150, -11.2350



58.9580, -25.4040, 19.8760

Rectangle

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



53.4200, 52.2640, 21.9920



57.4230, 37.8730, -9.0630



54.2850, -49.5150, -11.2350



54.8670, -59.4210, 3.0990

Sweetspot

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



53.4200, 52.2640, 21.9920



127.5190, 20.7680, 9.0880



60.3050, 19.9360, 46.2080



61.1050, 13.0660, 5.4980



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



53.4200, 52.2640, 21.9920



53.5380, 81.6510, 34.5710



74.2270, 44.6570, 0.1530



54.7940, 3.5760, 1.2720



37.7320, 69.1810, 29.2850



77.2580, 141.9380, 59.8420

Inverse Universe

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



53.4200, 52.2640, 21.9920



53.5380, 81.6510, 34.5710



67.7730, -44.6570, -0.1530



54.7940, 3.5760, 1.2720



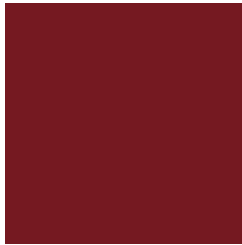
37.7320, 69.1810, 29.2850



77.2580, 141.9380, 59.8420

Previews

White Background



This preview shows how the YIQ color 53.4200, 52.2640, 21.9920 looks on a white background.

Color Contrast Check

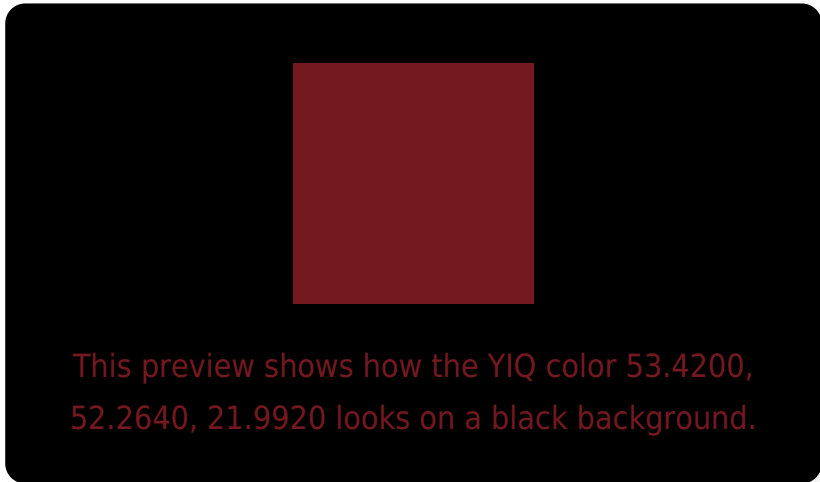
Large Text (above 18pt) WCAG AA ✓ Pass

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

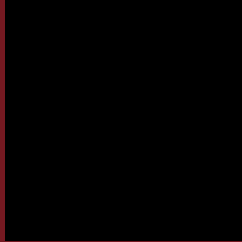
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 53.4200, 52.2640, 21.9920

Background



This preview shows how black text looks on a background with the YIQ color 53.4200, 52.2640, 21.9920.



This preview shows how white text looks on a background with the YIQ color 53.4200, 52.2640,

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

53.4200, 52.2640, 21.9920

Protanopia

61.6710, 8.1160, -3.9160

Deuteranopia

60.8480, 20.6790, -5.8250



Tritanopia

53.3230, 53.9150, 19.6030

Trichromacy



Original Color

53.4200, 52.2640, 21.9920

Protanomaly

58.8520, 24.0240, 5.1440

Deuteranomaly

58.5170, 32.2770, 4.2530

Tritanomaly

53.5510, 53.2730, 20.2250

Monochromacy



Original Color

53.4200, 52.2640, 21.9920

Achromatopsia

53.0000, -0.0000, -0.0000

Achromatomaly

53.2090, 18.7050, 7.9290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 53.4200, 52.2640, 21.9920 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(117, 25, 33)` looks like.

```
.text, #text, p{  
    color:rgb(117, 25, 33)  
}
```

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(117, 25, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 25, 33) }
```

Border

The CSS property to change the border of an element to YIQ 53.4200, 52.2640, 21.9920 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(117, 25, 33) }
```


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

```
.border{ border-color:rgb(117, 25, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 25, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 25, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 25, 33);  
box-shadow:4px 4px 4px 4px rgb(117, 25,  
33) }
```

Background

The CSS property to change the background color of an element to YIQ 53.4200, 52.2640, 21.9920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 25, 33) }
```

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

```
.background{ background-color: rgb(117, 25,  
33) }
```

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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