

Converting Colors

YIQ(64.9040, 53.7770, 22.1050)

Have a look what the booklet for
YIQ(64.9040, 53.7770, 22.1050)
contains.

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Color

**YIQ(64.9040, 53.7770,
22.1050)**

Conversions

Conversions Part 1

Format	Color
Hex	82242B
RGB	130, 36, 43
RGB Percent	51%, 14%, 17%
CMY	0.4900, 0.8590, 0.8312
CMYK	0.00, 0.72, 0.67, 0.49
HSL	355°, 57%, 33%
HSV	355°, 72%, 51%
XYZ	10.2815, 6.1846, 2.9425
YIQ	64.9040, 53.7770, 22.1050

Conversions

Conversions Part 2

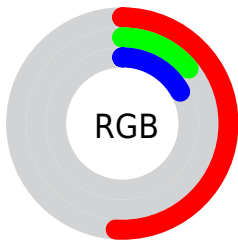
Format	Color
R_{YB}	130, 36, 43
Decimal	8528939
CIE _{Lab}	29.87, 40.51, 19.07
CIE _{LCh}	30, 44.773, 25.215
Yxy	6.1846, 0.5297, 0.3187
Android (android.graphics.Color)	4286719019 (0xFF82242B)
YUV	64.9040, -10.7987, 57.0892
Hunter-Lab	24.8689, 30.2769, 10.3931

Details

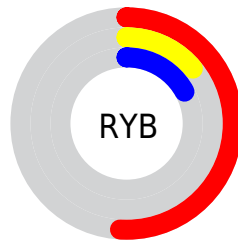
The YIQ color **64.9040, 53.7770, 22.1050** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **101.0960, -53.7770, -22.1050**, and the grayscale version is **65.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **117.9000, 59.6000, 21.2000**, and **22.4250, 44.7000, 15.9000** is the 20% darker color. If you saturate the color by 10%, you get **55.9050, 61.2040, 25.1720**, and if you desaturate by 10%, it is **73.9030, 46.3500, 19.0380**.

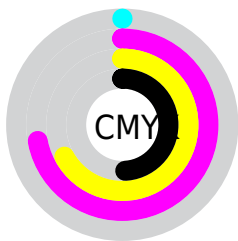
Distribution



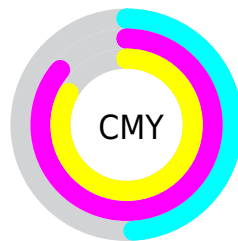
- Red (51%)
- Green (14%)
- Blue (17%)



- Red (51%)
- Yellow (14%)
- Blue (17%)



- Cyan (0%)
- Magenta (72%)
- Yellow (67%)
- Black (49%)



- Cyan (49%)
- Magenta (86%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 64.9040, 53.7770, 22.1050 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 64.9040, 53.7770, 22.1050 by changing the saturation by 10% instead.

■ 64.9040, 53.7770,
22.1050

■ 64.9040, 53.7770,
22.1050

■ 255.0000, -0.0000,
-0.0000

■ 35.4680, 52.3090,
26.6850

■ 117.9000, 59.6000,
21.2000

■ 22.4250, 44.7000,
15.9000

■ 144.9820, 62.3050,
21.7370

■ 15.1780, 29.1580,
11.2220

■ 172.0640, 65.0100,
22.2740

■ 0.0000, 0.0000,
0.0000

■ 193.0840, 53.0900,
18.0340

■ 212.5980, 36.7230,
11.7870

■ 232.8130, 19.7600,

5.3280

253.0280, 2.7970,
-1.1310

64.9040, 53.7770,
22.1050

64.9040, 53.7770,
22.1050

55.9050, 61.2040,
25.1720

73.9030, 46.3500,
19.0380

46.9060, 68.6310,
28.2390

82.9020, 38.9230,
15.9710

40.0100, 74.2700,
30.6700

91.9010, 31.4960,
12.9040

100.9000, 24.0690,
9.8370

109.8990, 16.6420,
6.7700

■ 118.8980, 9.2150,
3.7030

■ 127.8970, 1.7880,
0.6360

■ 136.8960, -5.6390,
-2.4310

■ 145.8950,
-13.0660, -5.4980

Harmonies

Analogous

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



65.8340, 42.7710, 34.3470



64.9040, 53.7770, 22.1050



66.3480, 51.6260, 0.5060

Triad

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



64.9040, 53.7770, 22.1050



51.7990, -31.4920, -35.0120



60.5720, -65.8400, 3.7920

Complementary

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



64.9040, 53.7770, 22.1050



101.0960, -53.7770, -22.1050

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.



63.1990, -63.5920, -3.9120



64.9040, 53.7770, 22.1050



57.6640, -43.8730, -25.3850

Square

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



64.9040, 53.7770, 22.1050



62.2420, 12.7970, -28.1870



61.7680, -55.4290, -14.1890



69.5880, -27.2380, 20.0740

Rectangle

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



64.9040, 53.7770, 22.1050



66.2940, 42.5500, -11.2260



61.7680, -55.4290, -14.1890



62.1050, -66.0230, 1.6010

Sweetspot

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



64.9040, 53.7770, 22.1050



142.4050, 21.0890, 8.7770



72.4300, 21.0820, 47.4660



68.8060, 12.4700, 5.2860



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



64.9040, 53.7770, 22.1050



66.9080, 83.4850, 34.3730



86.9990, 45.2990, -0.4690



61.7940, 3.5760, 1.2720



40.0100, 74.2700, 30.6700



0.8970, 1.7880, 0.6360

Inverse Universe

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



64.9040, 53.7770, 22.1050



66.9080, 83.4850, 34.3730



79.0010, -45.2990, 0.4690



61.7940, 3.5760, 1.2720



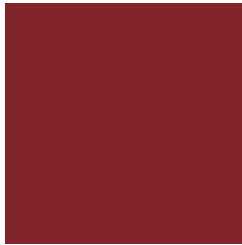
40.0100, 74.2700, 30.6700



0.8970, 1.7880, 0.6360

Previews

White Background



This preview shows how the YIQ color 64.9040, 53.7770, 22.1050 looks on a white background.

Color Contrast Check

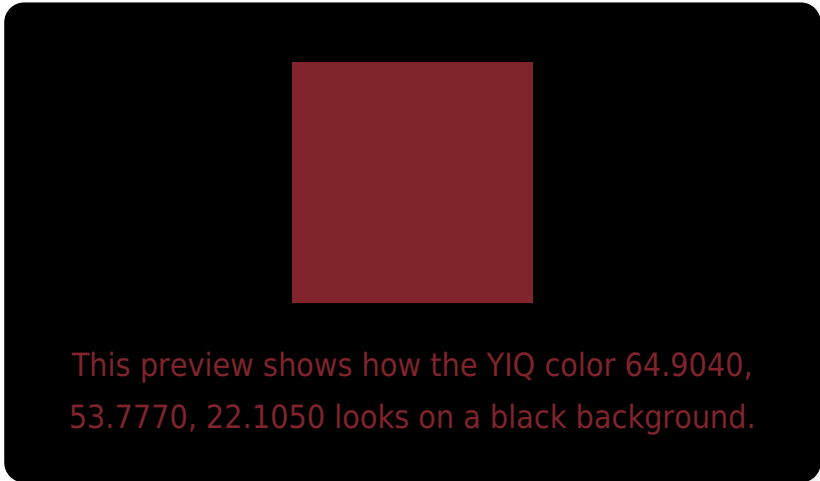
Large Text (above 18pt) WCAG AA ✓ Pass

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

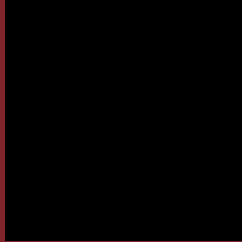
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 64.9040, 53.7770, 22.1050

Background



This preview shows how black text looks on a background with the YIQ color 64.9040, 53.7770, 22.1050.



This preview shows how white text looks on a background with the YIQ color 64.9040, 53.7770,

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

64.9040, 53.7770, 22.1050

Protanopia

71.4860, 7.1990, -3.8170

Deuteranopia

70.5600, 21.5500, -5.0900



Tritanopia

64.9210, 55.1070, 20.0270

Trichromacy



Original Color

64.9040, 53.7770, 22.1050

Protanomaly

69.2650, 24.2990, 5.6670

Deuteranomaly

68.2290, 33.1480, 4.9880

Tritanomaly

65.1490, 54.4650, 20.6490

Monochromacy



Original Color

64.9040, 53.7770, 22.1050

Achromatopsia

65.0000, -0.0000, -0.0000

Achromatomaly

64.8070, 19.8970, 8.3530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 64.9040, 53.7770, 22.1050 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(130, 36, 43)` looks like.

```
.text, #text, p{  
    color:rgb(130, 36, 43)  
}
```

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(130, 36, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 36, 43) }
```

Border

The CSS property to change the border of an element to YIQ 64.9040, 53.7770, 22.1050 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(130, 36, 43) }
```


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

```
.border{ border-color:rgb(130, 36, 43) }
```

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

Here you see how a box with a 4 pixel rgb(130, 36, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 36, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 36, 43);  
box-shadow:4px 4px 4px 4px rgb(130, 36,  
43) }
```

Background

The CSS property to change the background color of an element to YIQ 64.9040, 53.7770, 22.1050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 36, 43) }
```

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

```
.background{ background-color: rgb(130, 36,  
43) }
```

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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