

Converting Colors

YIQ(55.7650, 64.4140, 22.0620)

Have a look what the booklet for
YIQ(55.7650, 64.4140, 22.0620)
contains.

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Color

**YIQ(55.7650, 64.4140,
22.0620)**

Conversions

Conversions Part 1

Format	Color
Hex	831816
RGB	131, 24, 22
RGB Percent	51%, 9%, 9%
CMY	0.4860, 0.9060, 0.9135
CMYK	0.00, 0.82, 0.83, 0.49
HSL	1°, 71%, 30%
HSV	1°, 83%, 51%
XYZ	9.8412, 5.5401, 1.3130
YIQ	55.7650, 64.4140, 22.0620

Conversions

Conversions Part 2

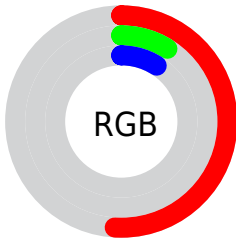
Format	Color
R_{YB}	131, 24, 22
Decimal	8591382
CIE Lab	28.22, 44.18, 30.38
CIE LCh	28, 53.616, 34.514
Yxy	5.5401, 0.5895, 0.3319
Android (android.graphics.Color)	4286781462 (0xFF831816)
YUV	55.7650, -16.6461, 65.9811
Hunter-Lab	23.5373, 33.4428, 13.1686

Details

The YIQ color **55.7650, 64.4140, 22.0620** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **97.2350, -64.4140, -22.0620**, and the grayscale version is **56.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **111.0060, 70.9250, 19.7010**, and **21.8270, 43.5080, 15.4760** is the 20% darker color. If you saturate the color by 10%, you get **46.6520, 72.1620, 24.8180**, and if you desaturate by 10%, it is **64.8780, 56.6660, 19.3060**.

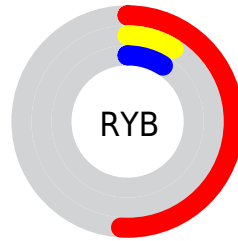
Distribution



Red (51%)

Green (9%)

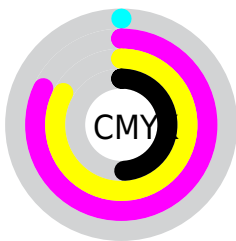
Blue (9%)



Red (51%)

Yellow (9%)

Blue (9%)

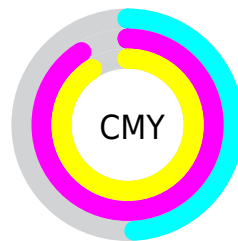


Cyan (0%)

Magenta (82%)

Yellow (83%)

Black (49%)



Cyan (49%)

Magenta (91%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 55.7650, 64.4140, 22.0620 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 55.7650, 64.4140, 22.0620 by changing the saturation by 10% instead.

■ 55.7650, 64.4140,
22.0620

■ 55.7650, 64.4140,
22.0620

■ 254.4300, 1.6050,
-1.5550

■ 30.4980, 60.7920,
21.6240

■ 111.0060, 70.9250,
19.7010

■ 21.8270, 43.5080,
15.4760

■ 137.8600, 74.2720,
19.6160

■ 14.2810, 27.3700,
10.5860

■ 165.8280, 77.2980,
19.8420

■ 0.0000, 0.0000,
0.0000

■ 185.5380, 63.3150,
14.4430

■ 204.9380, 47.2690,
7.8850

■ 224.4520, 30.9020,

1.6380

■ 244.6670, 13.9390,
-4.8210

■ 55.7650, 64.4140,
22.0620

■ 55.7650, 64.4140,
22.0620

■ 46.6520, 72.1620,
24.8180

■ 64.8780, 56.6660,
19.3060

■ 40.3430, 77.5260,
26.7260

■ 73.9910, 48.9180,
16.5500

■ 83.1040, 41.1700,
13.7940

■ 91.6300, 33.6970,
11.5610

■ 100.8570, 25.6280,
9.1160

■ 109.9700, 17.8800,
6.3600

■ 119.0830, 10.1320,
3.6040

■ 128.1960, 2.3840,
0.8480

■ 137.3090, -5.3640,
-1.9080

Harmonies

Analogous

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



47.7320, 61.1540, 48.1140



55.7650, 64.4140, 22.0620



62.2400, 51.8100, -2.8300

Triad

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



55.7650, 64.4140, 22.0620



51.3260, -31.5380, -34.1780



58.1900, -67.4000, 10.0400

Complementary

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



55.7650, 64.4140, 22.0620



97.2350, -64.4140, -22.0620

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.



63.1480, -67.5820, 2.3220



55.7650, 64.4140, 22.0620



57.5160, -46.2120, -21.5400

Square

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



55.7650, 64.4140, 22.0620



54.7670, -2.1030, -33.4870



62.1900, -59.3730, -8.7890



67.2570, -15.6400, 30.1520

Rectangle

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



55.7650, 64.4140, 22.0620



63.0050, 35.9940, -13.5580



62.1900, -59.3730, -8.7890



60.5380, -68.5000, 7.9480

Sweetspot

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



55.7650, 64.4140, 22.0620



141.4440, 25.3530, 8.5930



66.7890, 30.6170, 56.3850



68.7740, 15.4960, 5.5120



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



55.7650, 64.4140, 22.0620



52.8900, 101.0910, 34.6830



87.4630, 49.5640, -6.1800



61.7940, 3.5760, 1.2720



40.0440, 76.9300, 26.5140



0.8970, 1.7880, 0.6360

Inverse Universe

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



97.2350, -64.4140, -22.0620



118.1100, -101.0910, -34.6830



65.5370, -49.5640, 6.1800



64.2060, -3.5760, -1.2720



89.9560, -76.9300, -26.5140



2.1030, -1.7880, -0.6360

Previews

White Background



This preview shows how the YIQ color 55.7650, 64.4140, 22.0620 looks on a white background.

Color Contrast Check

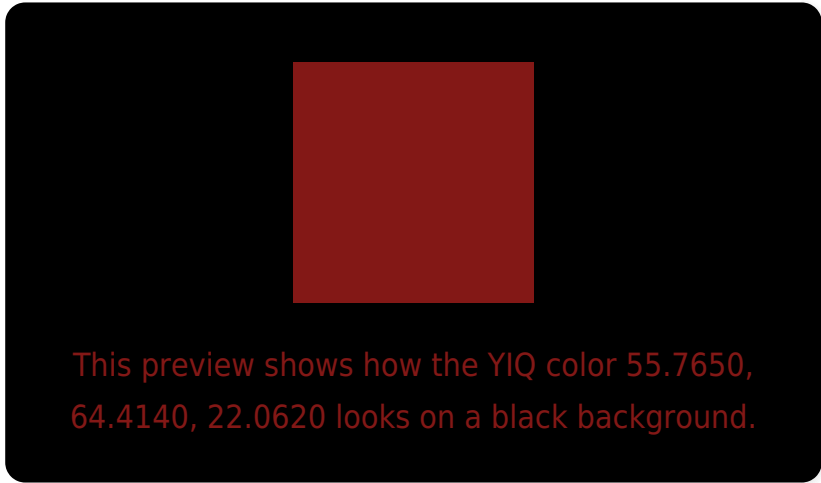
Large Text (above 18pt) WCAG AA ✓ Pass

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

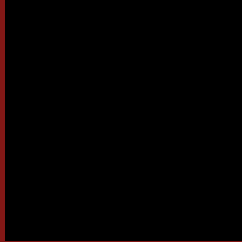
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 55.7650, 64.4140, 22.0620

Background



This preview shows how black text looks on a background with the YIQ color 55.7650, 64.4140, 22.0620.



This preview shows how white text looks on a background with the YIQ color 55.7650, 64.4140,

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

55.7650, 64.4140, 22.0620

Protanopia

66.9890, 15.7280, -9.7120

Deuteranopia

65.1940, 31.0880, -12.7520



Tritanopia

55.8790, 64.0930, 22.3730

Trichromacy



Original Color

55.7650, 64.4140, 22.0620

Protanomaly

63.1210, 33.3320, 1.6520

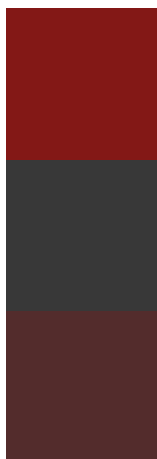
Deuteranomaly

61.7430, 43.1440, 0.0400

Tritanomaly

55.8790, 64.0930, 22.3730

Monochromacy



Original Color

55.7650, 64.4140, 22.0620

Achromatopsia

56.0000, -0.0000, 0.0000

Achromatomaly

55.6610, 23.2440, 8.2680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 55.7650, 64.4140, 22.0620 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(131, 24, 22)` looks like.

```
.text, #text, p{  
    color:rgb(131, 24, 22)  
}
```

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(131, 24, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 24, 22) }
```

Border

The CSS property to change the border of an element to YIQ 55.7650, 64.4140, 22.0620 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(131, 24, 22) }
```


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

```
.border{ border-color:rgb(131, 24, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 24, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 24, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 24, 22);  
box-shadow:4px 4px 4px 4px rgb(131, 24,  
22) }
```

Background

The CSS property to change the background color of an element to YIQ 55.7650, 64.4140, 22.0620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 24, 22) }
```

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

```
.background{ background-color: rgb(131, 24,  
22) }
```

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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