

Converting Colors

YIQ(62.3100, 55.9300, 32.6500)

Have a look what the booklet for
YIQ(62.3100, 55.9300, 32.6500)
contains.

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Color

**YIQ(62.3100, 55.9300,
32.6500)**

Conversions

Conversions Part 1

Format	Color
Hex	881A38
RGB	136, 26, 56
RGB Percent	53%, 10%, 22%
CMY	0.4664, 0.8982, 0.7802
CMYK	0.00, 0.81, 0.59, 0.47
HSL	344°, 68%, 32%
HSV	344°, 81%, 53%
XYZ	11.2484, 6.2630, 4.3639
YIQ	62.3100, 55.9300, 32.6500

Conversions

Conversions Part 2

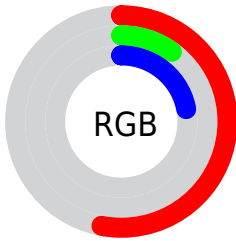
Format	Color
R_{YB}	136, 26, 56
Decimal	8919608
CIE Lab	30.07, 46.92, 10.98
CIE LCh	30, 48.188, 13.172
Yxy	6.2630, 0.5142, 0.2863
Android (android.graphics.Color)	4287109688 (0xFF881A38)
YUV	62.3100, -3.1108, 64.6261
Hunter-Lab	25.0260, 36.4346, 7.1795

Details

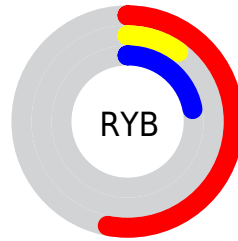
The YIQ color **62.3100, 55.9300, 32.6500** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **99.6900, -55.9300, -32.6500**, and the grayscale version is **62.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **117.8820, 60.0110, 30.2750**, and **25.4020, 43.5070, 21.0030** is the 20% darker color. If you saturate the color by 10%, you get **52.9520, 62.9900, 36.8620**, and if you desaturate by 10%, it is **71.6680, 48.8700, 28.4380**.

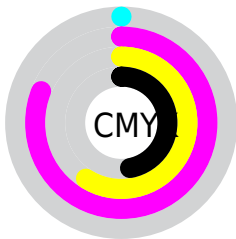
Distribution



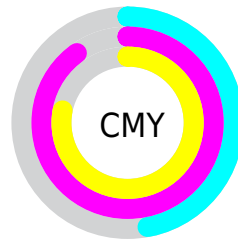
- Red (53%)
- Green (10%)
- Blue (22%)



- Red (53%)
- Yellow (10%)
- Blue (22%)



- Cyan (0%)
- Magenta (81%)
- Yellow (59%)
- Black (47%)





- Cyan (47%)
- Magenta (90%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 62.3100, 55.9300, 32.6500 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 62.3100, 55.9300, 32.6500 by changing the saturation by 10% instead.


 62.3100, 55.9300,
32.6500


 62.3100, 55.9300,
32.6500


255.0000, -0.0000,
-0.0000


 36.2820, 53.1330,
33.7810


 117.8820, 60.0110,
30.2750


 25.4020, 43.5070,
21.0030

 144.9640, 62.7160,
30.8120


 16.6730, 32.1380,
12.2820

 172.6330, 65.1460,
30.8260

 3.2890, 6.5560,
2.3320

 192.4460, 49.3750,
24.7910

 0.0000, 0.0000,
0.0000

 212.0740, 32.6870,
18.8550

 231.7020, 15.9990,

12.9190

250.8910, 1.9250,
3.6610

62.3100, 55.9300,
32.6500

62.3100, 55.9300,
32.6500

52.9520, 62.9900,
36.8620

71.6680, 48.8700,
28.4380

44.8820, 69.1790,
40.3390

80.4390, 42.0850,
24.7490

89.7970, 35.0250,
20.5370

98.5680, 28.2400,
16.8480

107.8120, 21.5010,
12.3250

■ 117.1700, 14.4410,
8.1130

■ 125.9410, 7.6560,
4.4240

■ 135.2990, 0.5960,
0.2120

■ 144.0700, -6.1890,
-3.4770

Harmonies

Analogous

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



67.0600, 36.4430, 38.8990



62.3100, 55.9300, 32.6500



65.4940, 57.4470, 10.6550

Triad

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



62.3100, 55.9300, 32.6500



56.1790, -9.2550, -36.0310



63.8490, -68.1780, 2.1100

Complementary

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



62.3100, 55.9300, 32.6500



99.6900, -55.9300, -32.6500

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.



64.3900, -62.8120, -7.0360



62.3100, 55.9300, 32.6500



55.9540, -39.0580, -30.0500

Square

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



62.3100, 55.9300, 32.6500



64.9660, 22.5620, -23.4380



60.9870, -51.8520, -18.4440



57.6200, -65.7950, 8.4850

Rectangle

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



62.3100, 55.9300, 32.6500



66.6590, 51.9480, -5.3320



60.9870, -51.8520, -18.4440



64.4530, -67.1230, -0.4910

Sweetspot

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



62.3100, 55.9300, 32.6500



147.8120, 21.5010, 12.3250



62.1610, 11.7740, 50.9580



71.5720, 13.2490, 7.6890



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



62.3100, 55.9300, 32.6500



61.4870, 86.8290, 50.8690



72.9780, 58.9600, 10.7680



64.3210, 3.5300, 2.1060



43.8710, 67.7120, 39.3920



1.6090, 2.6590, 1.3710

Inverse Universe

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



62.3100, 55.9300, 32.6500



61.4870, 86.8290, 50.8690



89.0220, -58.9600, -10.7680



64.3210, 3.5300, 2.1060



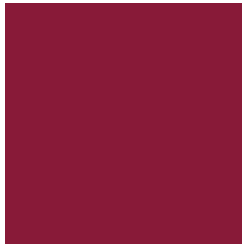
43.8710, 67.7120, 39.3920



1.6090, 2.6590, 1.3710

Previews

White Background



This preview shows how the YIQ color 62.3100, 55.9300, 32.6500 looks on a white background.

Color Contrast Check

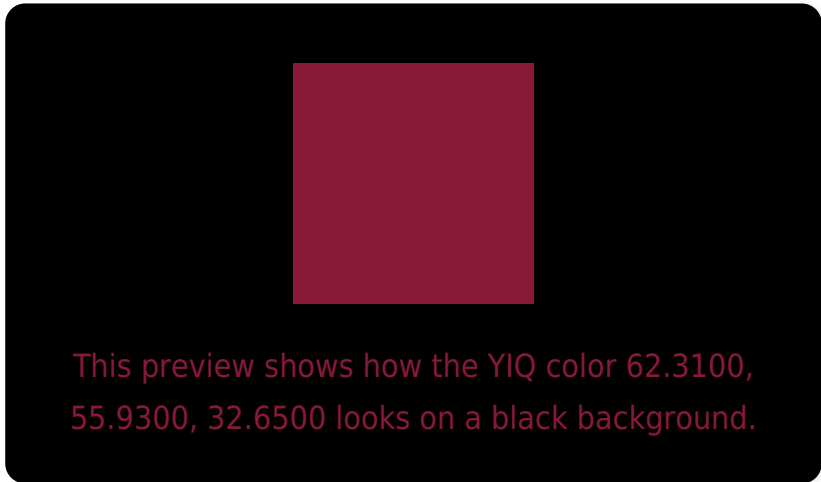
Large Text (above 18pt) WCAG AA ✓ Pass

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

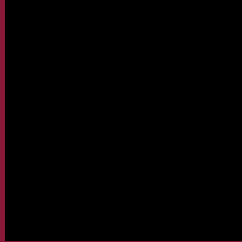
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 62.3100, 55.9300, 32.6500

Background



This preview shows how black text looks on a background with the YIQ color 62.3100, 55.9300, 32.6500.



This preview shows how white text looks on a background with the YIQ color 62.3100, 55.9300,

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

62.3100, 55.9300, 32.6500

Protanopia

72.5700, -1.6050, 1.5550

Deuteranopia

72.0310, 15.9100, -1.9940



Tritanopia

62.9110, 61.0670, 22.1470

Trichromacy



Original Color

62.3100, 55.9300, 32.6500

Protanomaly

68.5560, 19.3460, 12.8340

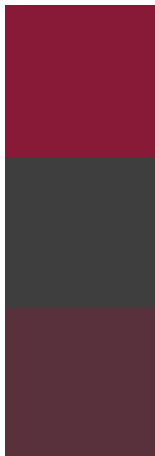
Deuteranomaly

68.2490, 30.3960, 10.8120

Tritanomaly

62.6490, 59.0490, 25.6810

Monochromacy



Original Color

62.3100, 55.9300, 32.6500

Achromatopsia

62.0000, -0.0000, -0.0000

Achromatomaly

62.2140, 20.3090, 11.9010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 62.3100, 55.9300, 32.6500 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(136, 26, 56)` looks like.

```
.text, #text, p{  
    color:rgb(136, 26, 56)  
}
```

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(136, 26, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 26, 56) }
```

Border

The CSS property to change the border of an element to YIQ 62.3100, 55.9300, 32.6500 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(136, 26, 56) }
```


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

```
.border{ border-color:rgb(136, 26, 56) }
```

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

Here you see how a box with a 4 pixel rgb(136, 26, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 26, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 26, 56);  
box-shadow:4px 4px 4px 4px rgb(136, 26,  
56) }
```

Background

The CSS property to change the background color of an element to YIQ 62.3100, 55.9300, 32.6500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 26, 56) }
```

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

```
.background{ background-color: rgb(136, 26,  
56) }
```

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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