

Converting Colors

YIQ(66.6230, 61.9380, 22.8820)

Have a look what the booklet for
YIQ(66.6230, 61.9380, 22.8820)
contains.

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Color

**YIQ(66.6230, 61.9380,
22.8820)**

Conversions

Conversions Part 1

Format	Color
Hex	8C2325
RGB	140, 35, 37
RGB Percent	55%, 14%, 15%
CMY	0.4507, 0.8629, 0.8547
CMYK	0.00, 0.75, 0.74, 0.45
HSL	359°, 60%, 34%
HSV	359°, 75%, 55%
XYZ	11.7607, 6.9144, 2.4702
YIQ	66.6230, 61.9380, 22.8820

Conversions

Conversions Part 2

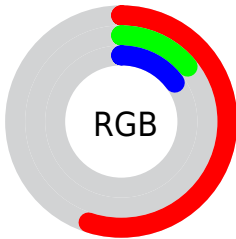
Format	Color
R_{YB}	140, 35, 37
Decimal	9184037
CIE Lab	31.61, 43.93, 25.47
CIE LCh	32, 50.782, 30.104
Yxy	6.9144, 0.5562, 0.3270
Android (android.graphics.Color)	4287374117 (0xFF8C2325)
YUV	66.6230, -14.6041, 64.3516
Hunter-Lab	26.2953, 33.8177, 12.8371

Details

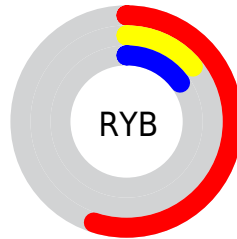
The YIQ color **66.6230, 61.9380, 22.8820** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **108.3770, -61.9380, -22.8820**, and the grayscale version is **67.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **120.5050, 68.0820, 21.6660**, and **24.8170, 49.4680, 17.5960** is the 20% darker color. If you saturate the color by 10%, you get **56.8090, 70.2820, 25.8500**, and if you desaturate by 10%, it is **76.4370, 53.5940, 19.9140**.

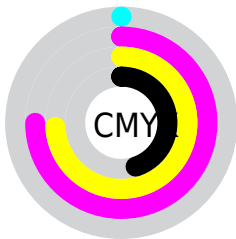
Distribution



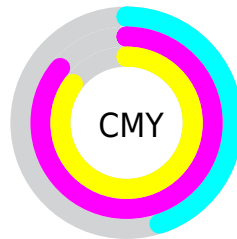
- Red (55%)
- Green (14%)
- Blue (15%)



- Red (55%)
- Yellow (14%)
- Blue (15%)



- Cyan (0%)
- Magenta (75%)
- Yellow (74%)
- Black (45%)



- Cyan (45%)
- Magenta (86%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 66.6230, 61.9380, 22.8820 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 66.6230, 61.9380, 22.8820 by changing the saturation by 10% instead.

66.6230, 61.9380,
22.8820

66.6230, 61.9380,
22.8820

255.0000, -0.0000,
-0.0000

35.1270, 60.6990,
28.8190

120.5050, 68.0820,
21.6660

24.8170, 49.4680,
17.5960

147.7720, 71.7040,
22.1040

16.8580, 33.0550,
12.1830

173.9460, 71.1540,
21.0580

5.3820, 10.7280,
3.8160

193.4600, 54.7870,
14.8110

0.0000, 0.0000,
0.0000

212.9740, 38.4200,
8.5640

232.4880, 22.0530,

2.3170

252.8170, 4.7690,
-3.8310

66.6230, 61.9380,
22.8820

66.6230, 61.9380,
22.8820

56.8090, 70.2820,
25.8500

76.4370, 53.5940,
19.9140

47.1090, 78.3050,
29.1290

86.2510, 45.2500,
16.9460

42.2020, 82.4770,
30.6130

95.9510, 37.2270,
13.6670

105.7650, 28.8830,
10.6990

115.5790, 20.5390,
7.7310

■ 125.2790, 12.5160,
4.4520

■ 135.0930, 4.1720,
1.4840

■ 144.9070, -4.1720,
-1.4840

■ 154.7210,
-12.5160, -4.4520

Harmonies

Analogous

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



65.2100, 53.6360, 41.1880



66.6230, 61.9380, 22.8820



69.0510, 56.7160, -3.6360

Triad

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



66.6230, 61.9380, 22.8820



55.7770, -34.4260, -36.9060



64.0430, -71.4800, 6.8880

Complementary

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



66.6230, 61.9380, 22.8820



108.3770, -61.9380, -22.8820

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.



68.0720, -70.4240, -1.2400



66.6230, 61.9380, 22.8820



61.7390, -48.4580, -24.8900

Square

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



66.6230, 61.9380, 22.8820



63.9700, 7.5710, -32.5970



66.8860, -61.5730, -12.9730



74.9140, -22.1040, 26.1520

Rectangle

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



66.6230, 61.9380, 22.8820



70.4140, 42.0920, -13.9400



66.8860, -61.5730, -12.9730



66.2770, -72.2590, 4.4850

Sweetspot

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



66.6230, 61.9380, 22.8820



151.6720, 24.7110, 9.2150



77.4680, 27.0870, 54.2790



73.8880, 15.1750, 5.8230



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



66.6230, 61.9380, 22.8820



67.0790, 96.1850, 35.4890



95.1580, 49.1050, -3.3670



64.0930, 4.1720, 1.4840



40.1090, 78.3050, 29.1290



1.4950, 2.9800, 1.0600

Inverse Universe

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



66.6230, 61.9380, 22.8820



67.0790, 96.1850, 35.4890



79.8420, -49.1050, 3.3670



64.0930, 4.1720, 1.4840



40.1090, 78.3050, 29.1290



1.4950, 2.9800, 1.0600

Previews

White Background



This preview shows how the YIQ color 66.6230, 61.9380, 22.8820 looks on a white background.

Color Contrast Check

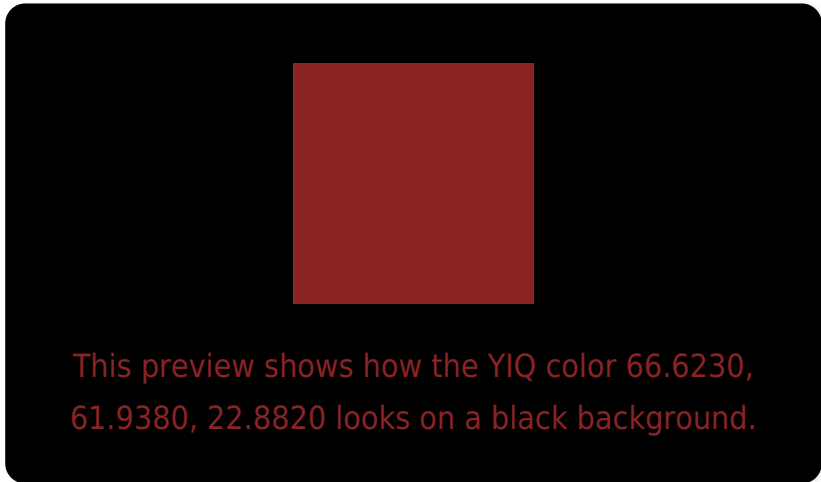
Large Text (above 18pt) WCAG AA ✓ Pass

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

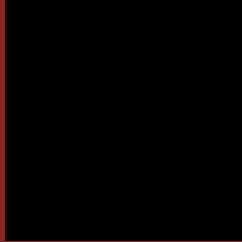
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 66.6230, 61.9380, 22.8820

Background



This preview shows how black text looks on a background with the YIQ color 66.6230, 61.9380, 22.8820.



This preview shows how white text looks on a background with the YIQ color 66.6230, 61.9380,

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

66.6230, 61.9380, 22.8820

Protanopia

74.9440, 11.6010, -6.5030

Deuteranopia

73.7900, 26.5940, -8.3980



Tritanopia

66.5090, 62.2590, 22.5710

Trichromacy



Original Color

66.6230, 61.9380, 22.8820

Protanomaly

71.8480, 29.8470, 4.2390

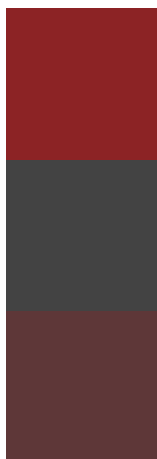
Deuteranomaly

71.5840, 39.3380, 2.9380

Tritanomaly

66.5090, 62.2590, 22.5710

Monochromacy



Original Color

66.6230, 61.9380, 22.8820

Achromatopsia

67.0000, -0.0000, -0.0000

Achromatomaly

66.7750, 22.9230, 8.5790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 66.6230, 61.9380, 22.8820 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(140, 35, 37)` looks like.

```
.text, #text, p{  
    color:rgb(140, 35, 37)  
}
```

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(140, 35, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 35, 37) }
```

Border

The CSS property to change the border of an element to YIQ 66.6230, 61.9380, 22.8820 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(140, 35, 37) }
```


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

```
.border{ border-color:rgb(140, 35, 37) }
```

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

Here you see how a box with a 4 pixel rgb(140, 35, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 35, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 35, 37);  
box-shadow:4px 4px 4px 4px rgb(140, 35,  
37) }
```

Background

The CSS property to change the background color of an element to YIQ 66.6230, 61.9380, 22.8820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 35, 37) }
```

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

```
.background{ background-color: rgb(140, 35,  
37) }
```

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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