

Converting Colors

YIQ(63.2220, 79.7250, 36.4370)

Have a look what the booklet for
YIQ(63.2220, 79.7250, 36.4370)
contains.

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Color

**YIQ(63.2220, 79.7250,
36.4370)**

Conversions

Conversions Part 1

Format	Color
Hex	A21225
RGB	162, 18, 37
RGB Percent	64%, 7%, 15%
CMY	0.3644, 0.9296, 0.8546
CMYK	0.00, 0.89, 0.77, 0.36
HSL	352°, 80%, 35%
HSV	352°, 89%, 64%
XYZ	15.4691, 8.2556, 2.5348
YIQ	63.2220, 79.7250, 36.4370

Conversions

Conversions Part 2

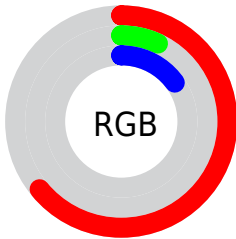
Format	Color
RYB	162, 18, 37
Decimal	10621477
CIELab	34.51, 55.28, 29.98
CIElCh	35, 62.882, 28.473
Yxy	8.2556, 0.5891, 0.3144
Android (android.graphics.Color)	4288811557 (0xFFA21225)
YUV	63.2220, -12.9274, 86.6283
Hunter-Lab	28.7325, 45.8198, 14.8822

Details

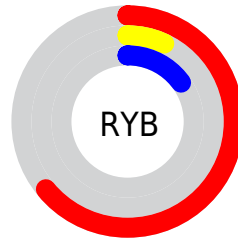
The YIQ color **63.2220, 79.7250, 36.4370** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **116.7780, -79.7250, -36.4370**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.4580, 84.6320, 30.1040**, and **30.4980, 60.7920, 21.6240** is the 20% darker color. If you saturate the color by 10%, you get **52.2340, 88.6190, 40.4510**, and if you desaturate by 10%, it is **74.2100, 70.8310, 32.4230**.

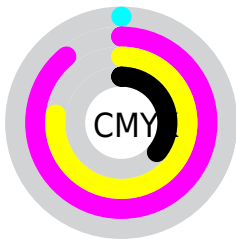
Distribution



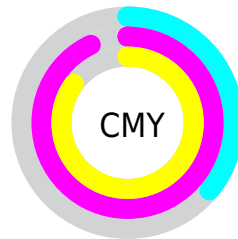
- Red (64%)
- Green (7%)
- Blue (15%)



- Red (64%)
- Yellow (7%)
- Blue (15%)



- Cyan (0%)
- Magenta (89%)
- Yellow (77%)
- Black (36%)



- Cyan (36%)
- Magenta (93%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 63.2220, 79.7250, 36.4370 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 63.2220, 79.7250, 36.4370 by changing the saturation by 10% instead.

63.2220, 79.7250,
36.4370

63.2220, 79.7250,
36.4370

255.0000, -0.0000,
-0.0000

41.4060, 73.2150,
33.2710

124.4580, 84.6320,
30.1040

30.4980, 60.7920,
21.6240

152.8990, 87.7040,
29.4960

21.6420, 42.5910,
15.5750

171.5980, 72.2540,
23.1500

13.2700, 25.9030,
9.6390

191.1120, 55.8870,
16.9030

0.0000, 0.0000,
0.0000

211.2130, 39.2450,
10.1330

231.3140, 22.6030,

3.3630

251.6430, 5.3190,
-2.7850

63.2220, 79.7250,
36.4370

63.2220, 79.7250,
36.4370

52.2340, 88.6190,
40.4510

74.2100, 70.8310,
32.4230

50.9460, 89.4900,
41.1860

85.1980, 61.9370,
28.4090

96.7730, 52.7680,
23.8720

107.7610, 43.8740,
19.8580

118.7490, 34.9800,
15.8440

■ 129.7370, 26.0860,
11.8300

■ 140.7250, 17.1920,
7.8160

■ 152.4140, 7.7020,
3.5900

■ 163.4020, -1.1920,
-0.4240

Harmonies

Analogous

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



58.8400, 70.1380, 61.5140



63.2220, 79.7250, 36.4370



74.4330, 67.4440, 0.1800

Triad

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



63.2220, 79.7250, 36.4370



60.0340, -34.0120, -44.4120



73.1050, -83.2180, 10.3660

Complementary

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



63.2220, 79.7250, 36.4370



116.7780, -79.7250, -36.4370

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.



77.1510, -80.8320, 0.1600



63.2220, 79.7250, 36.4370



68.0650, -52.4920, -28.8760

Square

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



63.2220, 79.7250, 36.4370



69.5520, 5.6920, -37.0920



74.4660, -69.1380, -13.5380



79.1330, -35.7220, 30.6620

Rectangle

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



63.2220, 79.7250, 36.4370



76.9480, 49.3360, -13.0640



74.4660, -69.1380, -13.5380



75.2250, -83.6760, 7.6520

Sweetspot

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



63.2220, 79.7250, 36.4370



172.8410, 31.7250, 14.2610



71.7910, 28.2760, 71.2840



83.6220, 18.9800, 8.4520



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



63.2220, 79.7250, 36.4370



66.5800, 117.3640, 53.6520



92.1670, 71.2490, 2.8090



75.9190, 4.7220, 2.5300



45.5210, 80.3210, 36.6490



5.6100, 10.0860, 4.4380

Inverse Universe

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



63.2220, 79.7250, 36.4370



66.5800, 117.3640, 53.6520



87.8330, -71.2490, -2.8090



75.9190, 4.7220, 2.5300



45.5210, 80.3210, 36.6490



5.6100, 10.0860, 4.4380

Previews

White Background



This preview shows how the YIQ color 63.2220, 79.7250, 36.4370 looks on a white background.

Color Contrast Check

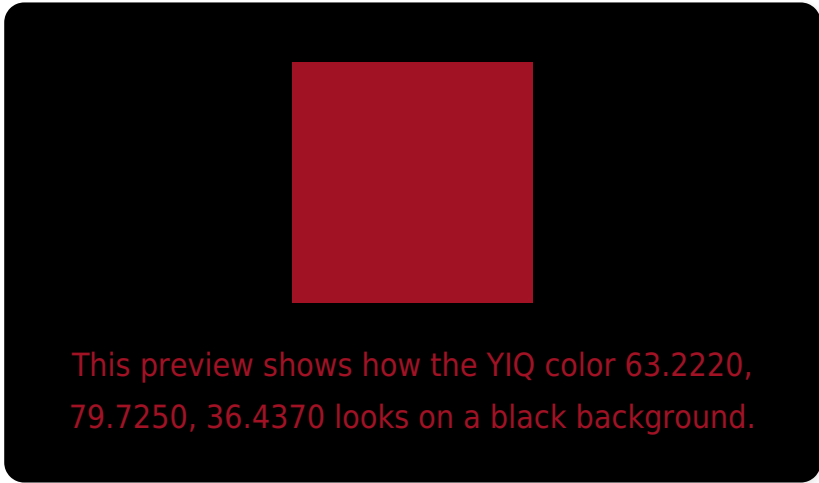
Large Text (above 18pt) WCAG AA ✓ Pass

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 63.2220, 79.7250, 36.4370

Background



This preview shows how black text looks on a background with the YIQ color 63.2220, 79.7250, 36.4370.



This preview shows how white text looks on a background with the YIQ color 63.2220, 79.7250,

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

63.2220, 79.7250, 36.4370

Protanopia

81.9010, 13.1600, -7.2240

Deuteranopia

80.5470, 31.5920, -10.8720



Tritanopia

63.5180, 84.4030, 28.7470

Trichromacy



Original Color

63.2220, 79.7250, 36.4370

Protanomaly

74.7890, 37.5030, 8.6630

Deuteranomaly

74.3680, 48.8740, 6.3300

Tritanomaly

63.7290, 82.4310, 31.4470

Monochromacy



Original Color

63.2220, 79.7250, 36.4370

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.3460, 28.7450, 13.2010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 63.2220, 79.7250, 36.4370 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(162, 18, 37)` looks like.

```
.text, #text, p{  
    color:rgb(162, 18, 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(162, 18, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 18, 37) }
```

Border

The CSS property to change the border of an element to YIQ 63.2220, 79.7250, 36.4370 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(162, 18, 37) }
```


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

```
.border{ border-color:rgb(162, 18, 37) }
```

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

Here you see how a box with a 4 pixel rgb(162, 18, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 18, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 18, 37);  
box-shadow:4px 4px 4px 4px rgb(162, 18,  
37) }
```

Background

The CSS property to change the background color of an element to YIQ 63.2220, 79.7250, 36.4370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 18, 37) }
```

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

```
.background{ background-color: rgb(162, 18,  
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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