

Converting Colors

YIQ(62.7200, 33.9240, 23.9720)

Have a look what the booklet for
YIQ(62.7200, 33.9240, 23.9720)
contains.

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Color

**YIQ(62.7200, 33.9240,
23.9720)**

Conversions

Conversions Part 1

Format	Color
Hex	6E2642
RGB	110, 38, 66
RGB Percent	43%, 15%, 26%
CMY	0.5684, 0.8511, 0.7411
CMYK	0.00, 0.65, 0.40, 0.57
HSL	337°, 49%, 29%
HSV	337°, 65%, 43%
XYZ	8.1128, 5.0961, 5.7148
YIQ	62.7200, 33.9240, 23.9720

Conversions

Conversions Part 2

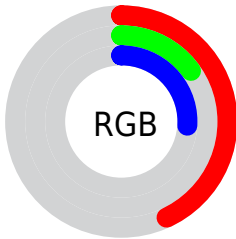
Format	Color
R_{YB}	110, 38, 66
Decimal	7218754
CIE Lab	27.01, 34.77, -0.73
CIE LCh	27, 34.781, 358.794
Yxy	5.0961, 0.4287, 0.2693
Android (android.graphics.Color)	4285408834 (0xFF6E2642)
YUV	62.7200, 1.6170, 41.4646
Hunter-Lab	22.5745, 24.6436, 0.7928

Details

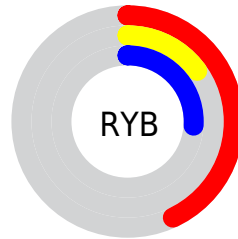
The YIQ color **62.7200, 33.9240, 23.9720** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **85.2800, -33.9240, -23.9720**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.1010, 37.2250, 24.7210**, and **20.0780, 26.8640, 19.7600** is the 20% darker color. If you saturate the color by 10%, you get **55.4650, 39.1960, 27.5480**, and if you desaturate by 10%, it is **69.9750, 28.6520, 20.3960**.

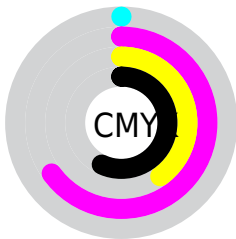
Distribution



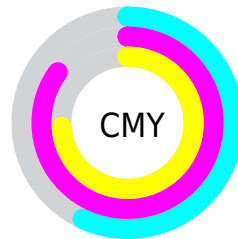
- Red (43%)
- Green (15%)
- Blue (26%)



- Red (43%)
- Yellow (15%)
- Blue (26%)



- Cyan (0%)
- Magenta (65%)
- Yellow (40%)
- Black (57%)



- Cyan (57%)
- Magenta (85%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 62.7200, 33.9240, 23.9720 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 62.7200, 33.9240, 23.9720 by changing the saturation by 10% instead.

62.7200, 33.9240,
23.9720

62.7200, 33.9240,
23.9720

255.0000, -0.0000,
-0.0000

36.5890, 32.9150,
25.7390

113.1010, 37.2250,
24.7210

20.0780, 26.8640,
19.7600

139.8840, 39.3340,
25.0460

10.8780, 21.1350,
7.9430

166.5960, 40.2050,
25.7810

0.0000, 0.0000,
0.0000

194.4930, 41.9930,
26.4170

215.3170, 27.6890,
21.3290

234.9450, 11.0010,

15.3930

252.6520, 1.1000,
2.0920

62.7200, 33.9240,
23.9720

62.7200, 33.9240,
23.9720

55.4650, 39.1960,
27.5480

69.9750, 28.6520,
20.3960

48.3240, 44.1470,
31.4350

77.1160, 23.7010,
16.5090

41.0690, 49.4190,
35.0110

84.3710, 18.4290,
12.9330

37.7920, 51.7570,
36.6930

91.6260, 13.1570,
9.3570

98.8810, 7.8850,
5.7810

■ 106.0220, 2.9340,
1.8940

■ 113.2770, -2.3380,
-1.6820

■ 120.5320, -7.6100,
-5.2580

■ 127.7870,
-12.8820, -8.8340

Harmonies

Analogous

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



65.3080, 14.7130, 25.2170



62.7200, 33.9240, 23.9720



61.5170, 41.4450, 14.3170

Triad

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



62.7200, 33.9240, 23.9720



58.0060, 7.8900, -21.8540



55.2770, -55.0640, -4.2800

Complementary

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



62.7200, 33.9240, 23.9720



85.2800, -33.9240, -23.9720

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.



54.7580, -49.4690, -12.0690



62.7200, 33.9240, 23.9720



49.8200, -26.8170, -26.1210

Square

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



62.7200, 33.9240, 23.9720



60.0580, 28.4750, -14.9570



51.6800, -40.8020, -20.4660



52.6670, -55.9820, 1.3460

Rectangle

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



62.7200, 33.9240, 23.9720



61.7090, 40.4840, 4.1960



51.6800, -40.8020, -20.4660



55.7670, -53.6880, -7.1920

Sweetspot

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



62.7200, 33.9240, 23.9720



123.9250, 13.7530, 9.5690



59.0650, 2.5160, 31.5080



59.8810, 7.8850, 5.7810



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



62.7200, 33.9240, 23.9720



68.8030, 53.2240, 37.6400



63.6370, 40.9870, 11.6030



52.1360, 2.6130, 2.2050



41.2380, 56.4330, 40.0570



84.7970, 116.3960, 82.2200

Inverse Universe

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



62.7200, 33.9240, 23.9720



68.8030, 53.2240, 37.6400



84.3630, -40.9870, -11.6030



52.1360, 2.6130, 2.2050



41.2380, 56.4330, 40.0570



84.7970, 116.3960, 82.2200

Previews

White Background



This preview shows how the YIQ color 62.7200, 33.9240, 23.9720 looks on a white background.

Color Contrast Check

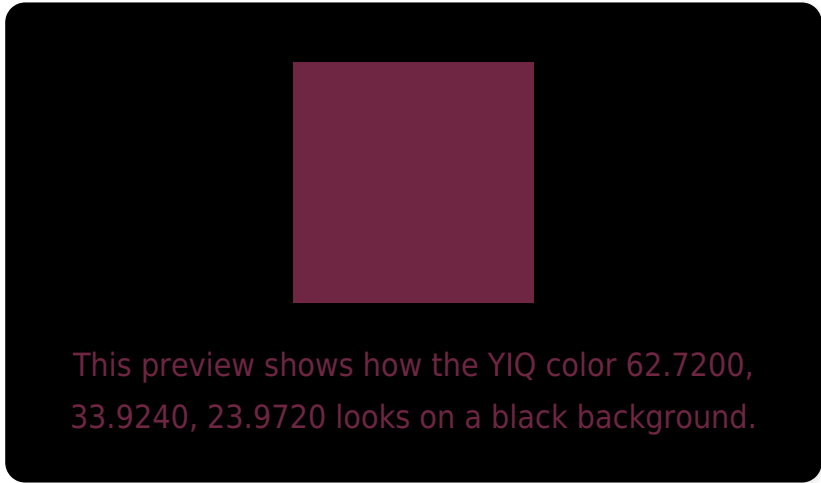
Large Text (above 18pt) WCAG AA ✓ Pass

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

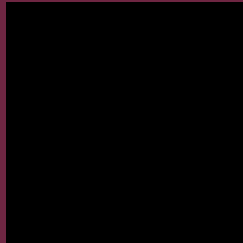
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 62.7200, 33.9240, 23.9720

Background



This preview shows how black text looks on a background with the YIQ color 62.7200, 33.9240, 23.9720.



This preview shows how white text looks on a background with the YIQ color 62.7200, 33.9240,

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

62.7200, 33.9240, 23.9720

Protanopia

64.8560, -8.1620, 4.7500

Deuteranopia

65.5770, 5.6850, 1.5970



Tritanopia

62.9620, 38.6940, 14.6140

Trichromacy



Original Color

62.7200, 33.9240, 23.9720

Protanomaly

64.2710, 6.9670, 11.4070

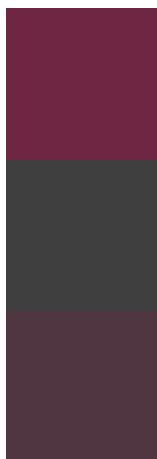
Deuteranomaly

64.5940, 16.1830, 9.5830

Tritanomaly

62.7000, 36.6760, 18.1480

Monochromacy



Original Color

62.7200, 33.9240, 23.9720

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.9140, 12.2860, 8.6220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 62.7200, 33.9240, 23.9720 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(110, 38, 66)` looks like.

```
.text, #text, p{  
    color:rgb(110, 38, 66)  
}
```

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(110, 38, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 38, 66) }
```

Border

The CSS property to change the border of an element to YIQ 62.7200, 33.9240, 23.9720 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(110, 38, 66) }
```


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

```
.border{ border-color:rgb(110, 38, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 38, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 38, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 38, 66);  
box-shadow:4px 4px 4px 4px rgb(110, 38,  
66) }
```

Background

The CSS property to change the background color of an element to YIQ 62.7200, 33.9240, 23.9720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 38, 66) }
```

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

```
.background{ background-color: rgb(110, 38,  
66) }
```

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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