

Converting Colors

YIQ(67.6210, 29.8890, 25.5130)

Have a look what the booklet for
YIQ(67.6210, 29.8890, 25.5130)
contains.

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Color

**YIQ(67.6210, 29.8890,
25.5130)**

Conversions

Conversions Part 1

Format	Color
Hex	702B4E
RGB	112, 43, 78
RGB Percent	44%, 17%, 31%
CMY	0.5606, 0.8315, 0.6940
CMYK	0.00, 0.62, 0.30, 0.56
HSL	330°, 45%, 30%
HSV	330°, 62%, 44%
XYZ	8.9269, 5.7239, 7.8464
YIQ	67.6210, 29.8890, 25.5130

Conversions

Conversions Part 2

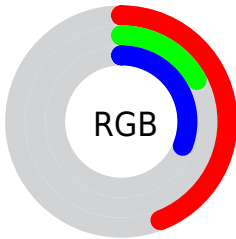
Format	Color
R_{YB}	112, 43, 78
Decimal	7351118
CIE Lab	28.70, 34.58, -6.15
CIE LCh	29, 35.127, 349.917
Yxy	5.7239, 0.3968, 0.2544
Android (android.graphics.Color)	4285541198 (0xFF702B4E)
YUV	67.6210, 5.1168, 38.9204
Hunter-Lab	23.9247, 24.7349, -2.6977

Details

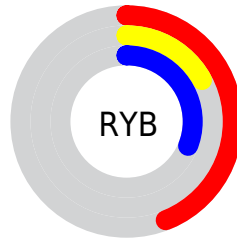
The YIQ color **67.6210, 29.8890, 25.5130** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **87.3790, -29.8890, -25.5130**, and the grayscale version is **68.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **118.1160, 32.8690, 26.5730**, and **22.1150, 25.4420, 23.5060** is the 20% darker color. If you saturate the color by 10%, you get **60.5940, 34.5190, 29.7110**, and if you desaturate by 10%, it is **74.7620, 24.9380, 21.6260**.

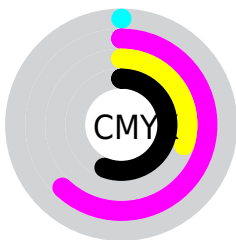
Distribution



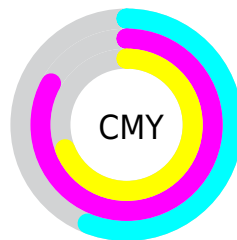
- Red (44%)
- Green (17%)
- Blue (31%)



- Red (44%)
- Yellow (17%)
- Blue (31%)



- Cyan (0%)
- Magenta (62%)
- Yellow (30%)
- Black (56%)



- Cyan (56%)
- Magenta (83%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 67.6210, 29.8890, 25.5130 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 67.6210, 29.8890, 25.5130 by changing the saturation by 10% instead.

67.6210, 29.8890,
25.5130

67.6210, 29.8890,
25.5130

255.0000, -0.0000,
-0.0000

42.5500, 28.6510,
25.9230

118.1160, 32.8690,
26.5730

22.1150, 25.4420,
23.5060

144.7140, 34.0610,
26.9970

13.2140, 20.3090,
11.9010

171.7250, 35.5280,
27.9440

0.0000, 0.0000,
0.0000

199.3230, 36.7200,
28.3680

219.8480, 21.8200,
23.0680

238.5640, 7.7000,

14.6440

■ 67.6210, 29.8890,
25.5130

■ 67.6210, 29.8890,
25.5130

■ 60.5940, 34.5190,
29.7110

■ 74.7620, 24.9380,
21.6260

■ 53.4530, 39.4700,
33.5980

■ 81.7890, 20.3080,
17.4280

■ 45.7250, 44.6960,
38.0080

■ 89.5170, 15.0820,
13.0180

■ 39.9860, 48.4550,
41.4710

■ 96.5440, 10.4520,
8.8200

■ 103.6850, 5.5010,
4.9330

■ 110.7120, 0.8710,
0.7350

■ 117.8530, -4.0800,
-3.1520

■ 125.4670, -8.9850,
-7.8730

■ 132.6080,
-13.9360, -11.7600

Harmonies

Analogous

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



70.0620, 6.5980, 23.6060



67.6210, 29.8890, 25.5130



66.0380, 41.5360, 18.1760

Triad

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



67.6210, 29.8890, 25.5130



62.5400, 15.1340, -20.9780



58.7990, -56.7140, -7.4180

Complementary

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



67.6210, 29.8890, 25.5130



87.3790, -29.8890, -25.5130

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.



57.2370, -49.5600, -15.9280



67.6210, 29.8890, 25.5130



58.0020, -12.6500, -24.0580

Square

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



67.6210, 29.8890, 25.5130



64.6180, 32.8300, -11.2820



53.4580, -40.2970, -24.1130



56.6450, -58.9160, -0.5480

Rectangle

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



67.6210, 29.8890, 25.5130



66.1270, 42.3630, 8.6910



53.4580, -40.2970, -24.1130



58.5880, -54.7420, -10.1180

Sweetspot

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



67.6210, 29.8890, 25.5130



128.2560, 11.3230, 9.5550



60.7330, -2.4810, 28.4550



63.6960, 6.9680, 5.8800



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



67.6210, 29.8890, 25.5130



76.1490, 46.4380, 39.4780



63.7450, 40.8030, 14.9390



52.1360, 2.6130, 2.2050



42.8340, 51.9390, 44.4110



88.2170, 106.7660, 91.5500

Inverse Universe

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



67.6210, 29.8890, 25.5130



76.1490, 46.4380, 39.4780



91.2550, -40.8030, -14.9390



52.1360, 2.6130, 2.2050



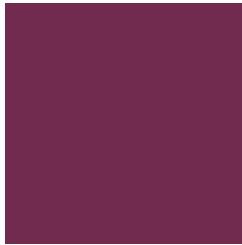
42.8340, 51.9390, 44.4110



88.2170, 106.7660, 91.5500

Previews

White Background



This preview shows how the YIQ color 67.6210, 29.8890, 25.5130 looks on a white background.

Color Contrast Check

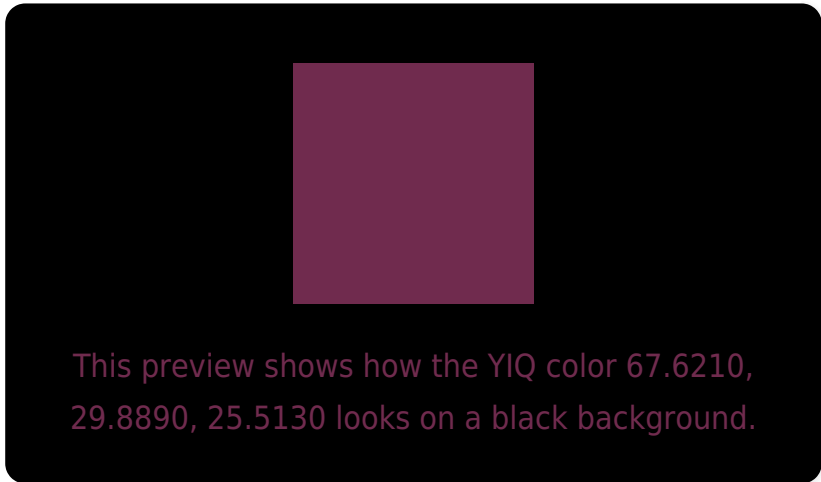
Large Text (above 18pt) WCAG AA ✓ Pass

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

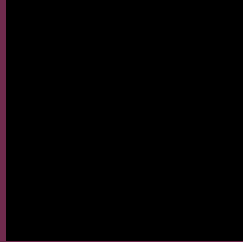
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 67.6210, 29.8890, 25.5130

Background



This preview shows how black text looks on a background with the YIQ color 67.6210, 29.8890, 25.5130.



This preview shows how white text looks on a background with the YIQ color 67.6210, 29.8890,

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

67.6210, 29.8890, 25.5130

Protanopia

68.6860, -13.4350, 6.7010

Deuteranopia

69.5920, 1.3290, 3.4490



Tritanopia

67.5810, 35.3930, 13.8650

Trichromacy



Original Color

67.6210, 29.8890, 25.5130

Protanomaly

68.4000, 2.2900, 13.5700

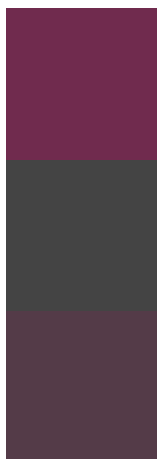
Deuteranomaly

68.6090, 11.8270, 11.4350

Tritanomaly

67.7320, 33.6500, 17.9220

Monochromacy



Original Color

67.6210, 29.8890, 25.5130

Achromatopsia

68.0000, -0.0000, 0.0000

Achromatomaly

67.9570, 10.7270, 9.3430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 67.6210, 29.8890, 25.5130 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(112, 43, 78)` looks like.

```
.text, #text, p{  
    color:rgb(112, 43, 78)  
}
```

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(112, 43, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 43, 78) }
```

Border

The CSS property to change the border of an element to YIQ 67.6210, 29.8890, 25.5130 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(112, 43, 78) }
```


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

```
.border{ border-color:rgb(112, 43, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 43, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 43, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 43, 78);  
box-shadow:4px 4px 4px 4px rgb(112, 43,  
78) }
```

Background

The CSS property to change the background color of an element to YIQ 67.6210, 29.8890, 25.5130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 43, 78) }
```

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

```
.background{ background-color: rgb(112, 43,  
78) }
```

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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