

Converting Colors

YIQ(61.6890, 27.1820, 36.0300)

Have a look what the booklet for
YIQ(61.6890, 27.1820, 36.0300)
contains.

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Color

**YIQ(61.6890, 27.1820,
36.0300)**

Conversions

Conversions Part 1

Format	Color
Hex	6E1F5D
RGB	110, 31, 93
RGB Percent	43%, 12%, 36%
CMY	0.5684, 0.8785, 0.6352
CMYK	0.00, 0.72, 0.15, 0.57
HSL	313°, 56%, 28%
HSV	313°, 72%, 43%
XYZ	8.9032, 5.0875, 10.8722
YIQ	61.6890, 27.1820, 36.0300

Conversions

Conversions Part 2

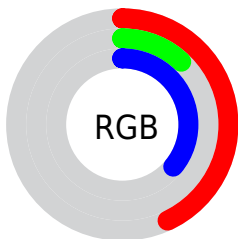
Format	Color
R_{YB}	110, 31, 93
Decimal	7216989
CIE _{Lab}	26.98, 41.81, -18.68
CIE _{LCh}	27, 45.789, 335.926
Yxy	5.0875, 0.3581, 0.2046
Android (android.graphics.Color)	4285407069 (0xFF6E1F5D)
YUV	61.6890, 15.4363, 42.3687
Hunter-Lab	22.5556, 30.9857, -12.7900

Details

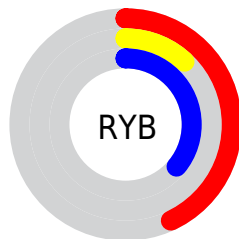
The YIQ color **61.6890, 27.1820, 36.0300** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **79.3110, -27.1820, -36.0300**, and the grayscale version is **62.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **113.5860, 28.9700, 36.6660**, and **22.9990, 20.0770, 27.1250** is the 20% darker color. If you saturate the color by 10%, you get **55.0040, 30.8490, 41.1610**, and if you desaturate by 10%, it is **68.3740, 23.5150, 30.8990**.

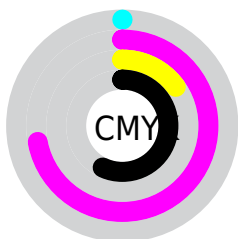
Distribution



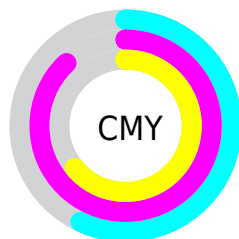
- Red (43%)
- Green (12%)
- Blue (36%)



- Red (43%)
- Yellow (12%)
- Blue (36%)



- Cyan (0%)
- Magenta (72%)
- Yellow (15%)
- Black (57%)



- Cyan (57%)
- Magenta (88%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 61.6890, 27.1820, 36.0300 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 61.6890, 27.1820, 36.0300 by changing the saturation by 10% instead.

61.6890, 27.1820,
36.0300

61.6890, 27.1820,
36.0300

255.0000, -0.0000,
-0.0000

32.9820, 27.9150,
39.2670

113.5860, 28.9700,
36.6660

22.9990, 20.0770,
27.1250

140.1840, 30.1620,
37.0900

14.0270, 13.7060,
15.9300

167.7820, 31.3540,
37.5140

0.0000, 0.0000,
0.0000

195.4940, 32.2250,
38.2490

216.1440, 18.4710,
34.2070

233.2810, 10.1750,

19.3510

250.3040, 2.2000,
4.1840

61.6890, 27.1820,
36.0300

61.6890, 27.1820,
36.0300

55.0040, 30.8490,
41.1610

68.3740, 23.5150,
30.8990

48.2050, 34.8370,
45.9810

75.1730, 19.5270,
26.0790

42.6940, 37.9540,
50.0660

81.8580, 15.8600,
20.9480

88.6570, 11.8720,
16.1280

95.3420, 8.2050,
10.9970

■ 102.0270, 4.5380,
5.8660

■ 108.8260, 0.5500,
1.0460

■ 115.5110, -3.1170,
-4.0850

■ 122.1960, -6.7840,
-9.2160

Harmonies

Analogous

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



64.9600, -10.5500, 26.0100



61.6890, 27.1820, 36.0300



54.8410, 50.0610, 34.3890

Triad

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



61.6890, 27.1820, 36.0300



59.9820, 25.6330, -18.5190



58.2290, -55.1090, -8.9730

Complementary

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



61.6890, 27.1820, 36.0300



79.3110, -27.1820, -36.0300

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.



54.3530, -44.1950, -19.5470



61.6890, 27.1820, 36.0300



53.3160, 0.7850, -30.7590

Square

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



61.6890, 27.1820, 36.0300



60.1360, 46.1710, -5.2610



48.9610, -31.7680, -30.0080



58.6170, -61.7130, 0.5830

Rectangle

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



61.6890, 27.1820, 36.0300



56.7300, 54.3270, 23.1510



48.9610, -31.7680, -30.0080



57.0890, -51.8990, -12.0830

Sweetspot

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



61.6890, 27.1820, 36.0300



123.4180, 11.0470, 14.5590



44.7900, -15.8230, 27.9610



59.9780, 6.2340, 8.1700



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.



61.6890, 27.1820, 36.0300



67.7210, 42.4920, 55.9320



57.3570, 39.3800, 24.2120



52.3640, 1.9710, 2.8270



46.5960, 41.3460, 54.6740



95.9690, 84.9380, 112.6980

Inverse Universe

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



61.6890, 27.1820, 36.0300



67.7210, 42.4920, 55.9320



83.6430, -39.3800, -24.2120



52.3640, 1.9710, 2.8270



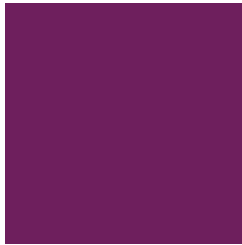
46.5960, 41.3460, 54.6740



95.9690, 84.9380, 112.6980

Previews

White Background



This preview shows how the YIQ color 61.6890, 27.1820, 36.0300 looks on a white background.

Color Contrast Check

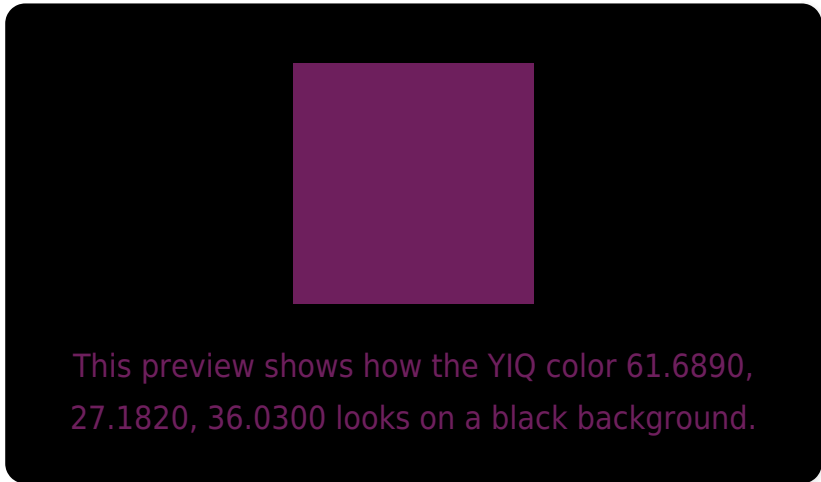
Large Text (above 18pt) WCAG AA ✓ Pass

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

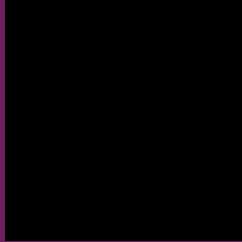
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 61.6890, 27.1820, 36.0300

Background



This preview shows how black text looks on a background with the YIQ color 61.6890, 27.1820, 36.0300.



This preview shows how white text looks on a background with the YIQ color 61.6890, 27.1820,

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

61.6890, 27.1820, 36.0300

Protanopia

61.4250, -34.3890, 12.0030

Deuteranopia

64.9420, -11.2800, 6.1920



Tritanopia

63.5810, 35.3930, 13.8650

Trichromacy



Original Color

61.6890, 27.1820, 36.0300

Protanomaly

61.3140, -11.7870, 20.8930

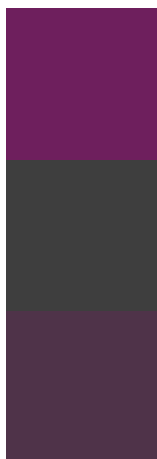
Deuteranomaly

63.8070, 2.7020, 17.1180

Tritanomaly

62.7690, 32.2280, 21.6680

Monochromacy



Original Color

61.6890, 27.1820, 36.0300

Achromatopsia

62.0000, -0.0000, -0.0000

Achromatomaly

61.8800, 9.6260, 12.7780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 61.6890, 27.1820, 36.0300 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, 31, 93)` looks like.

```
.text, #text, p{  
    color:rgb(110, 31, 93)  
}
```

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, 31, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 31, 93) }
```

Border

The CSS property to change the border of an element to YIQ 61.6890, 27.1820, 36.0300 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, 31, 93) }
```


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

```
.border{ border-color:rgb(110, 31, 93) }
```

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

Here you see how a box with a 4 pixel rgb(110, 31, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 31, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 31, 93);  
box-shadow:4px 4px 4px 4px rgb(110, 31,  
93) }
```

Background

The CSS property to change the background color of an element to YIQ 61.6890, 27.1820, 36.0300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 31, 93) }
```

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

```
.background{ background-color: rgb(110, 31,  
93) }
```

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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