

Converting Colors

YIQ(61.3070, 25.6220, 42.2780)

Have a look what the booklet for
YIQ(61.3070, 25.6220, 42.2780)
contains.

| | |
|--|----|
| YIQ(61.3070, 25.6220, 42.2780) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YIQ(61.3070, 25.6220,
42.2780)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 701B69 |
| RGB | 112, 27, 105 |
| RGB Percent | 44%, 11%, 41% |
| CMY | 0.5605, 0.8942, 0.5882 |
| CMYK | 0.00, 0.76, 0.06, 0.56 |
| HSL | 305°, 61%, 27% |
| HSV | 305°, 76%, 44% |
| XYZ | 9.6317, 5.2513, 13.8734 |
| YIQ | 61.3070, 25.6220, 42.2780 |

Conversions

Conversions Part 2

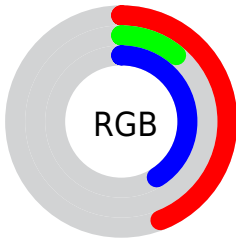
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 112, 27, 105 |
| Decimal | 7347049 |
| CIE _{Lab} | 27.44, 45.87, -25.75 |
| CIE _{LCh} | 27, 52.602, 330.697 |
| Yxy | 5.2513, 0.3349, 0.1826 |
| Android (android.graphics.Color) | 4285537129 (0xFF701B69) |
| YUV | 61.3070, 21.5406, 44.4578 |
| Hunter-Lab | 22.9158, 34.9226, -19.8537 |

Details

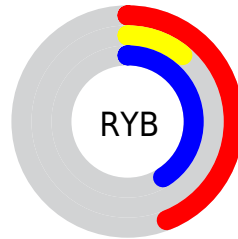
The YIQ color **61.3070, 25.6220, 42.2780** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **77.6930, -25.6220, -42.2780**, and the grayscale version is **61.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **114.4920, 26.5390, 42.1790**, and **24.4380, 17.4630, 30.4470** is the 20% darker color. If you saturate the color by 10%, you get **54.7360, 28.9680, 47.7200**, and if you desaturate by 10%, it is **67.8780, 22.2760, 36.8360**.

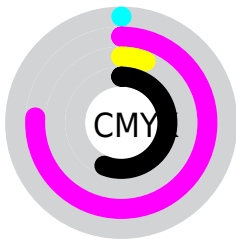
Distribution



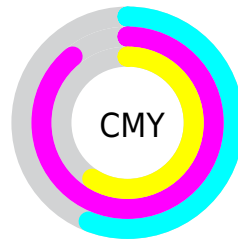
- Red (44%)
- Green (11%)
- Blue (41%)



- Red (44%)
- Yellow (11%)
- Blue (41%)



- Cyan (0%)
- Magenta (76%)
- Yellow (6%)
- Black (56%)



- Cyan (56%)
- Magenta (89%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 61.3070, 25.6220, 42.2780 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 61.3070, 25.6220, 42.2780 by changing the saturation by 10% instead.

61.3070, 25.6220,
42.2780

61.3070, 25.6220,
42.2780

255.0000, -0.0000,
-0.0000

34.9480, 25.2550,
43.4230

114.4920, 26.5390,
42.1790

24.4380, 17.4630,
30.4470

141.5030, 28.0060,
43.1260

15.4660, 11.0920,
19.2520

168.8020, 28.6020,
43.3380

1.1400, -3.2100,
3.1100

196.9270, 29.7480,
44.5960

0.0000, 0.0000,
0.0000

215.6710, 18.4250,
35.0410

232.1070, 10.7250,

20.3970

249.1300, 2.7500,
5.2300

61.3070, 25.6220,
42.2780

61.3070, 25.6220,
42.2780

54.7360, 28.9680,
47.7200

67.8780, 22.2760,
36.8360

48.1650, 32.3140,
53.1620

74.4490, 18.9300,
31.3940

45.2300, 33.6890,
55.7770

81.6070, 15.3090,
25.4290

88.1780, 11.9630,
19.9870

94.7490, 8.6170,
14.5450

■ 101.3200, 5.2710,
9.1030

■ 107.8910, 1.9250,
3.6610

■ 114.9350, -1.3750,
-2.6150

■ 121.5060, -4.7210,
-8.0570

Harmonies

Analogous

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



64.1420, -22.7460, 26.7740



61.3070, 25.6220, 42.2780



46.9920, 57.4860, 48.5100

Triad

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



61.3070, 25.6220, 42.2780



61.4880, 30.0800, -16.5120



60.1040, -56.2550, -10.2310

Complementary

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



61.3070, 25.6220, 42.2780



77.6930, -25.6220, -42.2780

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.



54.9570, -43.1400, -22.1480



61.3070, 25.6220, 42.2780



55.0990, 2.8940, -30.4340

Square

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



61.3070, 25.6220, 42.2780



59.8920, 52.9100, -0.7380



48.7670, -28.4660, -34.7860



61.8770, -65.3810, 0.9790

Rectangle

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



61.3070, 25.6220, 42.2780



48.3220, 64.8240, 36.6640



48.7670, -28.4660, -34.7860



58.6220, -52.0820, -14.2740

Sweetspot

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



61.3070, 25.6220, 42.2780



125.4010, 9.7170, 16.6370



38.4840, -23.7090, 27.7070



61.4450, 6.4170, 10.3610



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.



61.3070, 25.6220, 42.2780



66.2620, 39.8310, 65.6150



56.6330, 38.7830, 29.5270



52.4780, 1.6500, 3.1380



48.4200, 36.2100, 59.6500



99.7310, 74.3450, 122.9610

Inverse Universe

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



61.3070, 25.6220, 42.2780



66.2620, 39.8310, 65.6150



82.3670, -38.7830, -29.5270



52.4780, 1.6500, 3.1380



48.4200, 36.2100, 59.6500



99.7310, 74.3450, 122.9610

Previews

White Background



This preview shows how the YIQ color 61.3070, 25.6220, 42.2780 looks on a white background.

Color Contrast Check

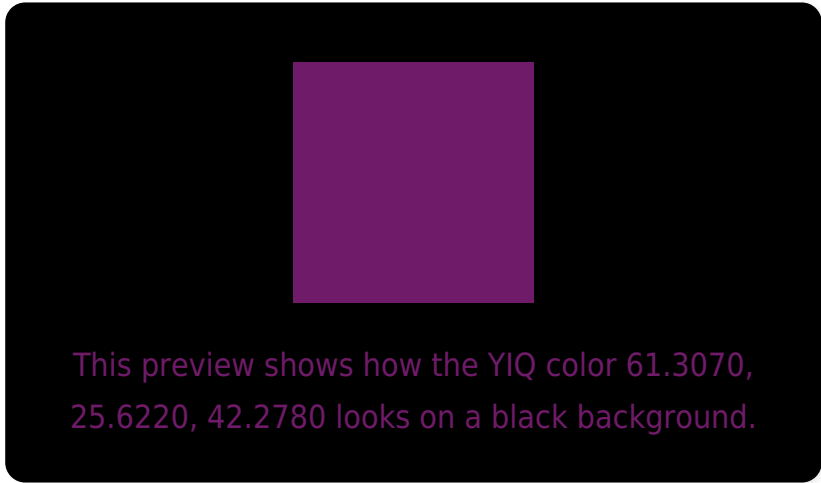
Large Text (above 18pt) WCAG AA ✓ Pass

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

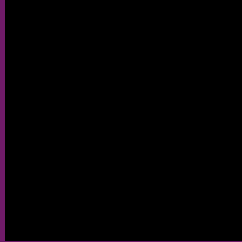
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 61.3070, 25.6220, 42.2780

Background



This preview shows how black text looks on a background with the YIQ color 61.3070, 25.6220, 42.2780.



This preview shows how white text looks on a background with the YIQ color 61.3070, 25.6220,

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

61.3070, 25.6220, 42.2780

Protanopia

53.0720, -61.2560, 8.8240

Deuteranopia

65.2770, -19.5330, 7.0830



Tritanopia

64.9830, 34.2010, 13.4410

Trichromacy



Original Color

61.3070, 25.6220, 42.2780

Protanomaly

56.4460, -29.7140, 20.8940

Deuteranomaly

63.8650, -3.2130, 19.6910

Tritanomaly

63.7520, 30.8980, 23.7460

Monochromacy



Original Color

61.3070, 25.6220, 42.2780

Achromatopsia

61.0000, 0.0000, -0.0000

Achromatomaly

61.4610, 9.4880, 15.2800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 61.3070, 25.6220, 42.2780 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, 27, 105)` looks like.

```
.text, #text, p{  
    color:rgb(112, 27, 105)  
}
```

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, 27, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 27, 105) }
```

Border

The CSS property to change the border of an element to YIQ 61.3070, 25.6220, 42.2780 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, 27, 105) }
```


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

```
.border{ border-color:rgb(112, 27, 105) }
```

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

Here you see how a box with a 4 pixel rgb(112, 27, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 27, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 27, 105);  
box-shadow:4px 4px 4px 4px rgb(112, 27,  
105) }
```

Background

The CSS property to change the background color of an element to YIQ 61.3070, 25.6220, 42.2780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 27, 105) }
```

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

```
.background{ background-color: rgb(112, 27,  
105) }
```

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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