

Converting Colors

YIQ(61.7430, 45.4260, 57.8260)

Have a look what the booklet for
YIQ(61.7430, 45.4260, 57.8260)
contains.

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Color

**YIQ(61.7430, 45.4260,
57.8260)**

Conversions

Conversions Part 1

Format	Color
Hex	8D0C6E
RGB	141, 12, 110
RGB Percent	55%, 5%, 43%
CMY	0.4467, 0.9531, 0.5685
CMYK	0.00, 0.92, 0.22, 0.45
HSL	314°, 84%, 30%
HSV	314°, 92%, 55%
XYZ	13.9472, 7.0590, 15.3869
YIQ	61.7430, 45.4260, 57.8260

Conversions

Conversions Part 2

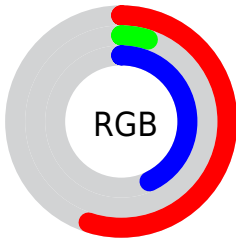
Format	Color
RYB	141, 12, 110
Decimal	9243758
CIELab	31.94, 57.08, -21.52
CIElCh	32, 61.006, 339.346
Yxy	7.0590, 0.3832, 0.1940
Android (android.graphics.Color)	4287433838 (0xFF8D0C6E)
YUV	61.7430, 23.7907, 69.5084
Hunter-Lab	26.5687, 47.2082, -15.7388

Details

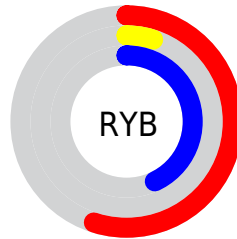
The YIQ color **61.7430, 45.4260, 57.8260** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **91.2570, -45.4260, -57.8260**, and the grayscale version is **61.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **123.4560, 44.5560, 51.5640**, and **32.7820, 31.3540, 37.5140** is the 20% darker color. If you saturate the color by 10%, you get **54.3570, 49.6890, 63.1690**, and if you desaturate by 10%, it is **70.3030, 40.6130, 51.4370**.

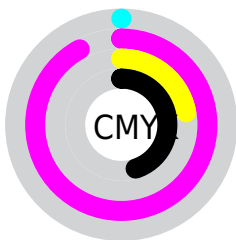
Distribution



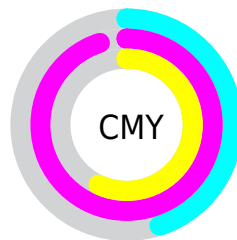
- Red (55%)
- Green (5%)
- Blue (43%)



- Red (55%)
- Yellow (5%)
- Blue (43%)



- Cyan (0%)
- Magenta (92%)
- Yellow (22%)
- Black (45%)



- Cyan (45%)
- Magenta (95%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 61.7430, 45.4260, 57.8260 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 61.7430, 45.4260, 57.8260 by changing the saturation by 10% instead.

61.7430, 45.4260,
57.8260

61.7430, 45.4260,
57.8260

255.0000, -0.0000,
-0.0000

43.4770, 40.0630,
50.3910

123.4560, 44.5560,
51.5640

32.7820, 31.3540,
37.5140

151.9400, 46.0690,
51.6770

22.7990, 23.5160,
25.3720

179.0540, 45.7480,
51.9880

11.9190, 13.8900,
12.5940

198.6820, 29.0600,
46.0520

0.0000, 0.0000,
0.0000

216.8450, 17.8750,
33.9950

233.2810, 10.1750,

19.3510

250.8910, 1.9250,
3.6610

61.7430, 45.4260,
57.8260

61.7430, 45.4260,
57.8260

54.3570, 49.6890,
63.1690

70.3030, 40.6130,
51.4370

78.9770, 35.4790,
45.3590

87.5370, 30.6660,
38.9700

96.2110, 25.5320,
32.8920

105.3580, 20.4440,
25.9800

■ 113.9180, 15.6310,
19.5910

■ 122.5920, 10.4970,
13.5130

■ 131.1520, 5.6840,
7.1240

■ 139.8260, 0.5500,
1.0460

Harmonies

Analogous

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



75.7190, -7.8930, 38.4350



61.7430, 45.4260, 57.8260



53.8260, 72.7530, 52.6650

Triad

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



61.7430, 45.4260, 57.8260



69.4070, 25.6340, -24.0460



70.6820, -69.5060, -6.8660

Complementary

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



61.7430, 45.4260, 57.8260



91.2570, -45.4260, -57.8260

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.



65.9110, -54.6940, -22.0060



61.7430, 45.4260, 57.8260



56.7390, -14.0680, -42.4200

Square

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



61.7430, 45.4260, 57.8260



70.8010, 54.4240, -6.1520



59.0370, -38.0940, -36.5100



71.7540, -78.0360, 4.5560

Rectangle

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



61.7430, 45.4260, 57.8260



56.7270, 76.7450, 35.3770



59.0370, -38.0940, -36.5100



69.5590, -64.9660, -12.0540

Sweetspot

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



61.7430, 45.4260, 57.8260



153.2820, 17.6020, 22.4180



35.6760, -23.5290, 46.4790



73.5920, 10.4970, 13.5130



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



61.7430, 45.4260, 57.8260



70.8620, 65.0450, 82.2370



54.4470, 65.9700, 37.9220



66.7770, 2.2460, 3.3500



52.1070, 47.3970, 60.6530



3.0760, 2.8420, 3.5620

Inverse Universe

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



61.7430, 45.4260, 57.8260



70.8620, 65.0450, 82.2370



98.5530, -65.9700, -37.9220



66.7770, 2.2460, 3.3500



52.1070, 47.3970, 60.6530



3.0760, 2.8420, 3.5620

Previews

White Background



This preview shows how the YIQ color 61.7430, 45.4260, 57.8260 looks on a white background.

Color Contrast Check

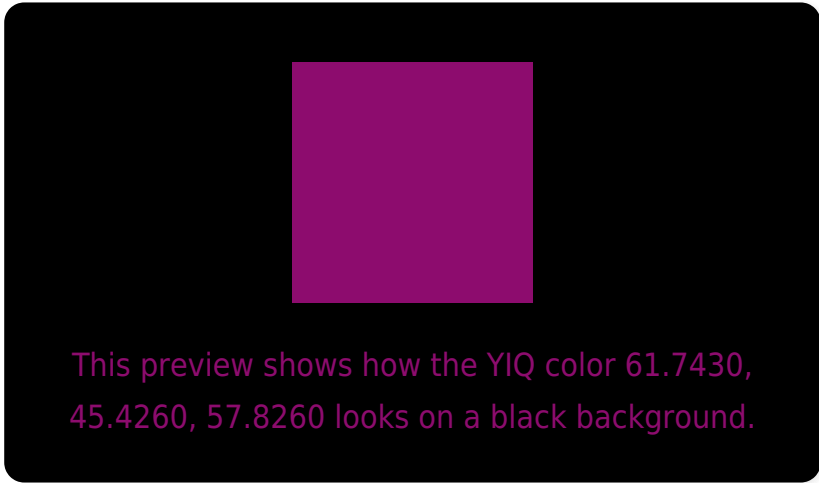
Large Text (above 18pt) WCAG AA ✓ Pass

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

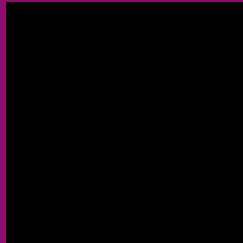
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 61.7430, 45.4260, 57.8260

Background



This preview shows how black text looks on a background with the YIQ color 61.7430, 45.4260, 57.8260.



This preview shows how white text looks on a background with the YIQ color 61.7430, 45.4260,

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

61.7430, 45.4260, 57.8260

Protanopia

68.5720, -56.6720, 13.8560

Deuteranopia

77.5830, -11.6470, 7.3370



Tritanopia

71.8500, 53.8690, 20.4370

Trichromacy



Original Color

61.7430, 45.4260, 57.8260

Protanomaly

66.1040, -19.5830, 30.0250

Deuteranomaly

71.8990, 8.6150, 25.5990

Tritanomaly

68.0260, 50.9780, 34.2900

Monochromacy



Original Color

61.7430, 45.4260, 57.8260

Achromatopsia

62.0000, -0.0000, -0.0000

Achromatomaly

62.0430, 16.7770, 20.8490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 61.7430, 45.4260, 57.8260 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(141, 12, 110)` looks like.

```
.text, #text, p{  
    color:rgb(141, 12, 110)  
}
```

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(141, 12, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 12, 110) }
```

Border

The CSS property to change the border of an element to YIQ 61.7430, 45.4260, 57.8260 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(141, 12, 110) }
```


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

```
.border{ border-color:rgb(141, 12, 110) }
```

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

Here you see how a box with a 4 pixel rgb(141, 12, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 12, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 12, 110);  
box-shadow:4px 4px 4px 4px rgb(141, 12,  
110) }
```

Background

The CSS property to change the background color of an element to YIQ 61.7430, 45.4260, 57.8260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 12, 110) }
```

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

```
.background{ background-color: rgb(141, 12,  
110) }
```

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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