

Converting Colors

YIQ(62.1430, 46.5750, 42.5030)

Have a look what the booklet for
YIQ(62.1430, 46.5750, 42.5030)
contains.

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Color

**YIQ(62.1430, 46.5750,
42.5030)**

Conversions

Conversions Part 1

Format	Color
Hex	851653
RGB	133, 22, 83
RGB Percent	52%, 9%, 33%
CMY	0.4781, 0.9139, 0.6744
CMYK	0.00, 0.83, 0.38, 0.48
HSL	327°, 72%, 30%
HSV	327°, 83%, 52%
XYZ	11.5337, 6.1899, 8.7776
YIQ	62.1430, 46.5750, 42.5030

Conversions

Conversions Part 2

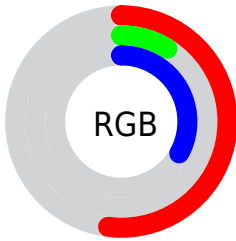
Format	Color
R_{YB}	133, 22, 83
Decimal	8722003
CIE _{Lab}	29.89, 49.75, -7.28
CIE _{LCh}	30, 50.284, 351.673
Yxy	6.1899, 0.4352, 0.2336
Android (android.graphics.Color)	4286912083 (0xFF851653)
YUV	62.1430, 10.2825, 62.1416
Hunter-Lab	24.8796, 39.2102, -3.5020




Details

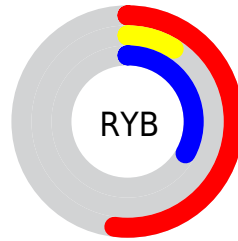
The YIQ color **62.1430, 46.5750, 42.5030** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **92.8570, -46.5750, -42.5030**, and the grayscale version is **62.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **118.8180, 48.8680, 39.4920**, and **27.6540, 34.2900, 28.3540** is the 20% darker color. If you saturate the color by 10%, you get **53.8280, 52.0760, 47.4360**, and if you desaturate by 10%, it is **70.4580, 41.0740, 37.5700**.

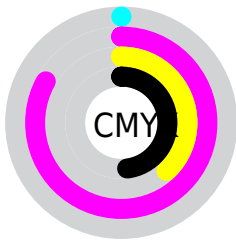
Distribution







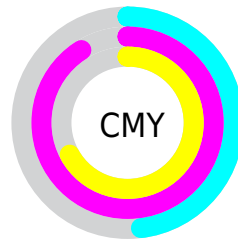
-  Red (52%)
-  Green (9%)
-  Blue (33%)






-  Red (52%)
-  Yellow (9%)
-  Blue (33%)



-  Cyan (0%)
-  Magenta (83%)
-  Yellow (38%)
-  Black (48%)



-  Cyan (48%)
-  Magenta (91%)
-  Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 62.1430, 46.5750, 42.5030 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 62.1430, 46.5750, 42.5030 by changing the saturation by 10% instead.

62.1430, 46.5750,
42.5030

62.1430, 46.5750,
42.5030

255.0000, -0.0000,
-0.0000

38.2350, 43.3200,
40.9200

118.8180, 48.8680,
39.4920

27.6540, 34.2900,
28.3540

146.4160, 50.0600,
39.9160

18.4970, 27.0020,
17.2580

174.1990, 52.1690,
40.2410

4.4850, 8.9400,
3.1800

195.0340, 39.3320,
36.1000

0.0000, 0.0000,
0.0000

214.7760, 22.3230,
30.4750

233.2810, 10.1750,

19.3510

250.3040, 2.2000,
4.1840

62.1430, 46.5750,
42.5030

62.1430, 46.5750,
42.5030

53.8280, 52.0760,
47.4360

70.4580, 41.0740,
37.5700

48.0890, 55.8350,
50.8990

79.3600, 35.2980,
32.1140

87.6750, 29.7970,
27.1810

95.9900, 24.2960,
22.2480

104.8920, 18.5200,
16.7920

■ 113.2070, 13.0190,
11.8590

■ 121.5220, 7.5180,
6.9260

■ 129.8370, 2.0170,
1.9930

■ 138.7390, -3.7590,
-3.4630

Harmonies

Analogous

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



71.0880, 12.8770, 36.4690



62.1430, 46.5750, 42.5030



60.6540, 60.6530, 29.6530

Triad

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



62.1430, 46.5750, 42.5030



63.1390, 14.5850, -27.5510



64.9430, -65.7470, -3.4030

Complementary

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



62.1430, 46.5750, 42.5030



92.8570, -46.5750, -42.5030

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.



62.2410, -55.3830, -15.0230



62.1430, 46.5750, 42.5030



50.4310, -27.6400, -38.7440

Square

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



62.1430, 46.5750, 42.5030



66.8590, 39.3410, -13.6430



57.6810, -42.5430, -27.4630



63.2450, -69.2330, 4.7110

Rectangle

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



62.1430, 46.5750, 42.5030



63.6300, 60.0600, 12.8600



57.6810, -42.5430, -27.4630



64.3900, -62.8120, -7.0360

Sweetspot

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



62.1430, 46.5750, 42.5030



145.5930, 17.9240, 16.5800



49.6040, -5.8310, 45.1210



70.3700, 11.0020, 9.8660



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



62.1430, 46.5750, 42.5030



62.5570, 72.6130, 66.2210



55.8730, 64.2300, 25.3980



62.1360, 2.6130, 2.2050



46.9640, 54.6890, 49.6410



1.0110, 1.4670, 0.9470

Inverse Universe

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



62.1430, 46.5750, 42.5030



62.5570, 72.6130, 66.2210



99.2410, -64.5510, -25.0870



62.1360, 2.6130, 2.2050



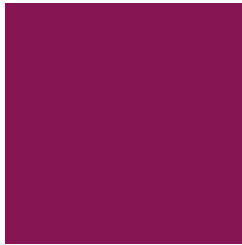
46.9640, 54.6890, 49.6410



1.0110, 1.4670, 0.9470

Previews

White Background



This preview shows how the YIQ color 62.1430, 46.5750, 42.5030 looks on a white background.

Color Contrast Check

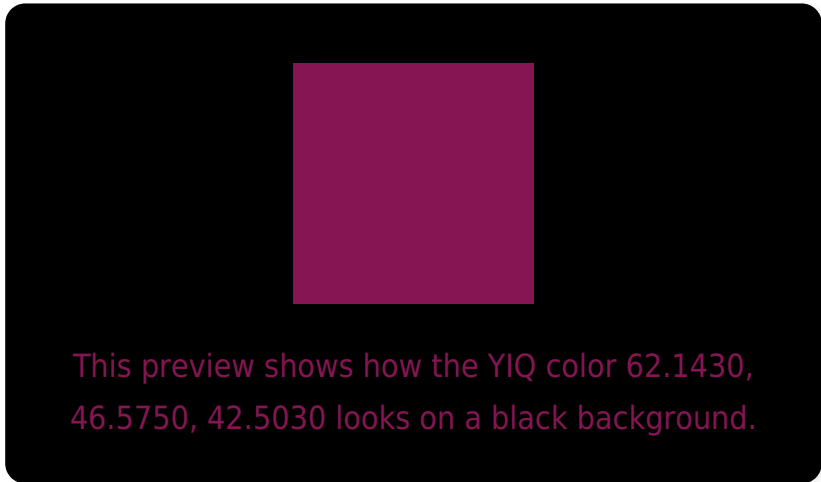
Large Text (above 18pt) WCAG AA ✓ Pass

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

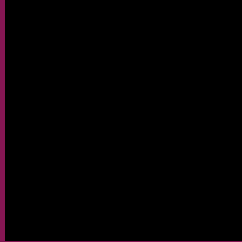
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 62.1430, 46.5750, 42.5030

Background



This preview shows how black text looks on a background with the YIQ color 62.1430, 46.5750, 42.5030.



This preview shows how white text looks on a background with the YIQ color 62.1430, 46.5750,

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

62.1430, 46.5750, 42.5030

Protanopia

71.5310, -23.0640, 10.5040

Deuteranopia

73.0050, 1.6040, 3.9720



Tritanopia

65.6220, 54.5110, 19.8150

Trichromacy



Original Color

62.1430, 46.5750, 42.5030

Protanomaly

67.9690, 2.4260, 22.1220

Deuteranomaly

69.2340, 17.5570, 17.7250

Tritanomaly

64.2230, 51.6210, 28.1410

Monochromacy



Original Color

62.1430, 46.5750, 42.5030

Achromatopsia

62.0000, -0.0000, -0.0000

Achromatomaly

61.8810, 17.0530, 15.8450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 62.1430, 46.5750, 42.5030 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(133, 22, 83)` looks like.

```
.text, #text, p{  
    color:rgb(133, 22, 83)  
}
```

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(133, 22, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 22, 83) }
```

Border

The CSS property to change the border of an element to YIQ 62.1430, 46.5750, 42.5030 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(133, 22, 83) }
```


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

```
.border{ border-color:rgb(133, 22, 83) }
```

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

Here you see how a box with a 4 pixel rgb(133, 22, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 22, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 22, 83);  
box-shadow:4px 4px 4px 4px rgb(133, 22,  
83) }
```

Background

The CSS property to change the background color of an element to YIQ 62.1430, 46.5750, 42.5030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 22, 83) }
```

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

```
.background{ background-color: rgb(133, 22,  
83) }
```

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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