

Converting Colors

YIQ(56.8230, 22.9680, 13.2720)

Have a look what the booklet for
YIQ(56.8230, 22.9680, 13.2720)
contains.

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Color

**YIQ(56.8230, 22.9680,
13.2720)**

Conversions

Conversions Part 1

Format	Color
Hex	572A36
RGB	87, 42, 54
RGB Percent	34%, 16%, 21%
CMY	0.6587, 0.8354, 0.7882
CMYK	0.00, 0.52, 0.38, 0.66
HSL	344°, 35%, 25%
HSV	344°, 52%, 34%
XYZ	5.4268, 3.9488, 3.9688
YIQ	56.8230, 22.9680, 13.2720

Conversions

Conversions Part 2

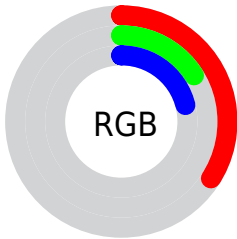
Format	Color
R_{YB}	87, 42, 54
Decimal	5712438
CIE Lab	23.50, 22.27, 1.79
CIE LCh	24, 22.341, 4.604
Yxy	3.9488, 0.4067, 0.2959
Android (android.graphics.Color)	4283902518 (0xFF572A36)
YUV	56.8230, -1.3917, 26.4652
Hunter-Lab	19.8715, 13.9726, 2.0686

Details

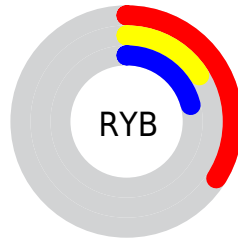
The YIQ color **56.8230, 22.9680, 13.2720** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **72.1770, -22.9680, -13.2720**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.3180, 25.9480, 14.3320**, and **13.2850, 21.5470, 11.4910** is the 20% darker color. If you saturate the color by 10%, you get **50.8560, 27.3690, 16.1130**, and if you desaturate by 10%, it is **62.7900, 18.5670, 10.4310**.

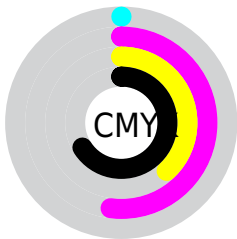
Distribution



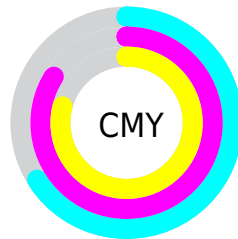
- Red (34%)
- Green (16%)
- Blue (21%)



- Red (34%)
- Yellow (16%)
- Blue (21%)



- Cyan (0%)
- Magenta (52%)
- Yellow (38%)
- Black (66%)



- Cyan (66%)
- Magenta (84%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 56.8230, 22.9680, 13.2720 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 56.8230, 22.9680, 13.2720 by changing the saturation by 10% instead.

■ 56.8230, 22.9680,
13.2720

■ 56.8230, 22.9680,
13.2720

■ 255.0000, -0.0000,
-0.0000

■ 34.0400, 20.8590,
12.9470

■ 105.3180, 25.9480,
14.3320

■ 13.2850, 21.5470,
11.4910

■ 130.8020, 27.4610,
14.4450

■ 0.0000, 0.0000,
0.0000

■ 156.5140, 28.3320,
15.1800

■ 184.1120, 29.5240,
15.6040

■ 211.8240, 30.3950,
16.3390

■ 232.6480, 16.0910,

11.2510

252.0650, 1.3750,
2.6150

56.8230, 22.9680,
13.2720

56.8230, 22.9680,
13.2720

50.8560, 27.3690,
16.1130

62.7900, 18.5670,
10.4310

45.3620, 31.8160,
18.1200

68.2840, 14.1200,
8.4240

39.3950, 36.2170,
20.9610

74.2510, 9.7190,
5.5830

33.4280, 40.6180,
23.8020

80.3320, 4.9970,
3.0530

28.6350, 44.4690,
25.5970

85.7120, 0.8710,
0.7350

■ 91.6790, -3.5300,
-2.1060

■ 97.7600, -8.2520,
-4.6360

■ 103.7270,
-12.6530, -7.4770

■ 109.1070,
-16.7790, -9.7950

Harmonies

Analogous

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



58.1300, 11.9180, 15.2940



56.8230, 22.9680, 13.2720



55.8740, 26.9580, 7.0380

Triad

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



56.8230, 22.9680, 13.2720



52.6390, 1.9740, -13.7540



45.6110, -44.3810, -5.1570

Complementary

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



56.8230, 22.9680, 13.2720



72.1770, -22.9680, -13.2720

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.



46.0040, -41.3540, -10.4580



56.8230, 22.9680, 13.2720



48.8310, -16.1820, -15.1100

Square

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



56.8230, 22.9680, 13.2720



54.5160, 15.6820, -8.8780



44.7670, -36.4930, -15.9570



53.1730, -25.1720, 4.6520

Rectangle

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



56.8230, 22.9680, 13.2720



55.7010, 25.7670, 1.0870



44.7670, -36.4930, -15.9570



46.4430, -43.9680, -7.1360

Sweetspot

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



56.8230, 22.9680, 13.2720



99.9520, 9.1230, 5.3710



56.6980, 4.6270, 20.7790



48.6310, 5.5930, 3.2650



184.0000, 0.0000, -0.0000



56.0000, -0.0000, 0.0000

Same Dimension

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



56.8230, 22.9680, 13.2720



65.6830, 35.3460, 20.2260



61.3250, 24.0700, 4.3100



40.3100, 2.0630, 1.1590



35.2990, 54.4630, 31.7030



77.4470, 119.8370, 69.4130

Inverse Universe

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



56.8230, 22.9680, 13.2720



65.6830, 35.3460, 20.2260



67.6750, -24.0700, -4.3100



40.3100, 2.0630, 1.1590



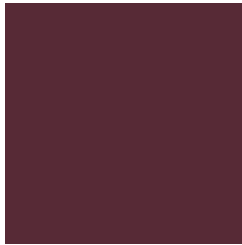
35.2990, 54.4630, 31.7030



77.4470, 119.8370, 69.4130

Previews

White Background



This preview shows how the YIQ color 56.8230, 22.9680, 13.2720 looks on a white background.

Color Contrast Check

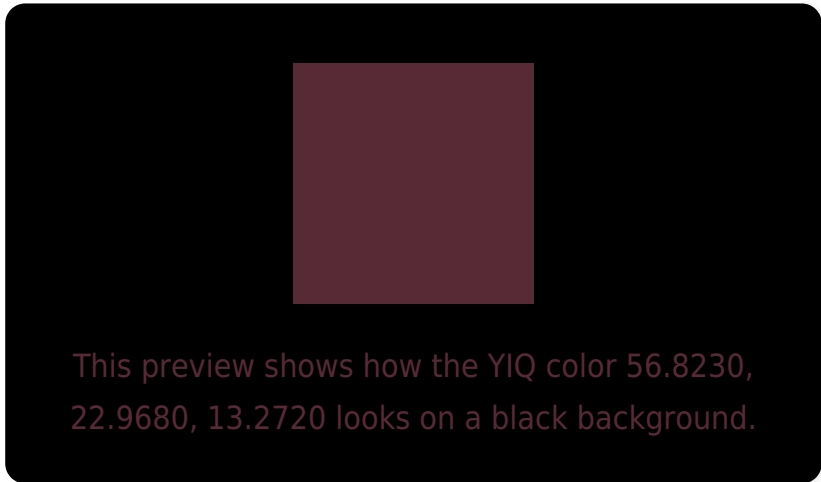
Large Text (above 18pt) WCAG AA ✓ Pass

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

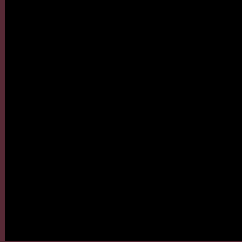
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 56.8230, 22.9680, 13.2720

Background



This preview shows how black text looks on a background with the YIQ color 56.8230, 22.9680, 13.2720.



This preview shows how white text looks on a background with the YIQ color 56.8230, 22.9680,

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

56.8230, 22.9680, 13.2720

Protanopia

56.6840, -1.9260, 1.8660

Deuteranopia

57.3490, 6.3270, 0.9750



Tritanopia

56.1990, 24.6650, 10.0490

Trichromacy



Original Color

56.8230, 22.9680, 13.2720

Protanomaly

56.6960, 6.9680, 5.8800

Deuteranomaly

56.9200, 12.1490, 5.5970

Tritanomaly

56.5410, 23.7020, 10.9820

Monochromacy



Original Color

56.8230, 22.9680, 13.2720

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

57.2400, 8.2520, 4.6360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 56.8230, 22.9680, 13.2720 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(87, 42, 54)` looks like.

```
.text, #text, p{  
    color:rgb(87, 42, 54)  
}
```

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(87, 42, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 42, 54) }
```

Border

The CSS property to change the border of an element to YIQ 56.8230, 22.9680, 13.2720 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(87, 42, 54) }
```


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

```
.border{ border-color:rgb(87, 42, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 42, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 42, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 42, 54);  
box-shadow:4px 4px 4px 4px rgb(87, 42, 54)  
}
```

Background

The CSS property to change the background color of an element to YIQ 56.8230, 22.9680, 13.2720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 42, 54) }
```

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

```
.background{ background-color: rgb(87, 42,  
54) }
```

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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