

Converting Colors

YIQ(57.4020, 43.5070, 21.0030)

Have a look what the booklet for
YIQ(57.4020, 43.5070, 21.0030)
contains.

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Color

**YIQ(57.4020, 43.5070,
21.0030)**

Conversions

Conversions Part 1

Format	Color
Hex	70202D
RGB	112, 32, 45
RGB Percent	44%, 13%, 18%
CMY	0.5606, 0.8746, 0.8234
CMYK	0.00, 0.71, 0.60, 0.56
HSL	350°, 56%, 28%
HSV	350°, 71%, 44%
XYZ	7.6786, 4.6691, 2.9833
YIQ	57.4020, 43.5070, 21.0030

Conversions

Conversions Part 2

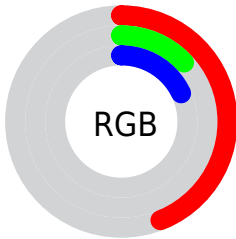
Format	Color
R_{YB}	112, 32, 45
Decimal	7348269
CIE Lab	25.77, 36.10, 11.72
CIE LCh	26, 37.959, 17.990
Yxy	4.6691, 0.5009, 0.3046
Android (android.graphics.Color)	4285538349 (0xFF70202D)
YUV	57.4020, -6.1142, 47.8824
Hunter-Lab	21.6080, 25.6175, 6.9397

Details

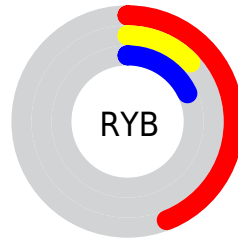
The YIQ color **57.4020, 43.5070, 21.0030** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **86.5980, -43.5070, -21.0030**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.6260, 48.6880, 20.7200**, and **17.6410, 35.1640, 12.5080** is the 20% darker color. If you saturate the color by 10%, you get **49.9190, 49.4210, 23.9570**, and if you desaturate by 10%, it is **64.8850, 37.5930, 18.0490**.

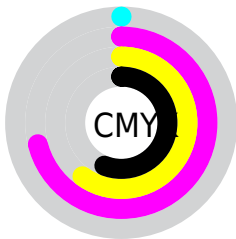
Distribution



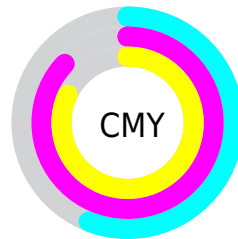
- Red (44%)
- Green (13%)
- Blue (18%)



- Red (44%)
- Yellow (13%)
- Blue (18%)



- Cyan (0%)
- Magenta (71%)
- Yellow (60%)
- Black (56%)



- Cyan (56%)
- Magenta (87%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 57.4020, 43.5070, 21.0030 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 57.4020, 43.5070, 21.0030 by changing the saturation by 10% instead.

■ 57.4020, 43.5070,
21.0030

■ 57.4020, 43.5070,
21.0030

■ 255.0000, -0.0000,
-0.0000

■ 30.0260, 41.8100,
24.2260

■ 108.6260, 48.6880,
20.7200

■ 17.6410, 35.1640,
12.5080

■ 134.8220, 51.0720,
21.5680

■ 9.6820, 18.7510,
7.0950

■ 162.1920, 52.9060,
21.3700

■ 0.0000, 0.0000,
0.0000


■ 189.7900, 54.0980,
21.7940


■ 208.7170, 38.0060,
16.0700


■ 228.3450, 21.3180,


10.1340


 248.5600, 4.3550,
3.6750


 57.4020, 43.5070,
21.0030


 57.4020, 43.5070,
21.0030


 49.9190, 49.4210,
23.9570


 64.8850, 37.5930,
18.0490


 42.3220, 55.6560,
26.6000

 72.4820, 31.3580,
15.4060

 35.5400, 60.9740,
29.3420

 80.5520, 25.1690,
11.9290

 88.1490, 18.9340,
9.2860

 95.6320, 13.0200,
6.3320

■ 103.1150, 7.1060,
3.3780

■ 110.7120, 0.8710,
0.7350

■ 118.7820, -5.3180,
-2.7420

■ 126.2650,
-11.2320, -5.6960

Harmonies

Analogous

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



59.8000, 30.9430, 28.4390



57.4020, 43.5070, 21.0030



58.0900, 43.7850, 4.9450

Triad

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



57.4020, 43.5070, 21.0030



50.1220, -13.1080, -26.7720



53.3680, -56.5780, 1.1340

Complementary

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



57.4020, 43.5070, 21.0030



86.5980, -43.5070, -21.0030

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.



54.5930, -53.1380, -6.1460



57.4020, 43.5070, 21.0030



48.9100, -35.7580, -23.7740

Square

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



57.4020, 43.5070, 21.0030



55.4970, 16.6930, -21.6990



52.3300, -45.3880, -14.4440



57.4360, -32.9220, 12.9500

Rectangle

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



57.4020, 43.5070, 21.0030



57.8470, 39.6150, -7.5930



52.3300, -45.3880, -14.4440



54.0860, -55.8440, -1.1560

Sweetspot

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



57.4020, 43.5070, 21.0030



124.5400, 16.2750, 7.9150



61.1530, 14.2520, 39.0840



61.0230, 10.3610, 4.9610



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.



57.4020, 43.5070, 21.0030



59.7690, 67.7590, 33.0310



71.7690, 40.2550, 2.8390



51.9080, 3.2550, 1.5830



38.1600, 65.1000, 31.6600



78.4130, 134.3720, 64.8040

Inverse Universe

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



57.4020, 43.5070, 21.0030



59.7690, 67.7590, 33.0310



72.2310, -40.2550, -2.8390



51.9080, 3.2550, 1.5830



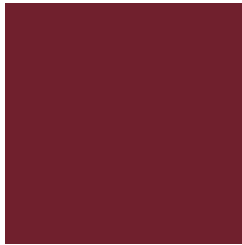
38.1600, 65.1000, 31.6600



78.4130, 134.3720, 64.8040

Previews

White Background



This preview shows how the YIQ color 57.4020, 43.5070, 21.0030 looks on a white background.

Color Contrast Check

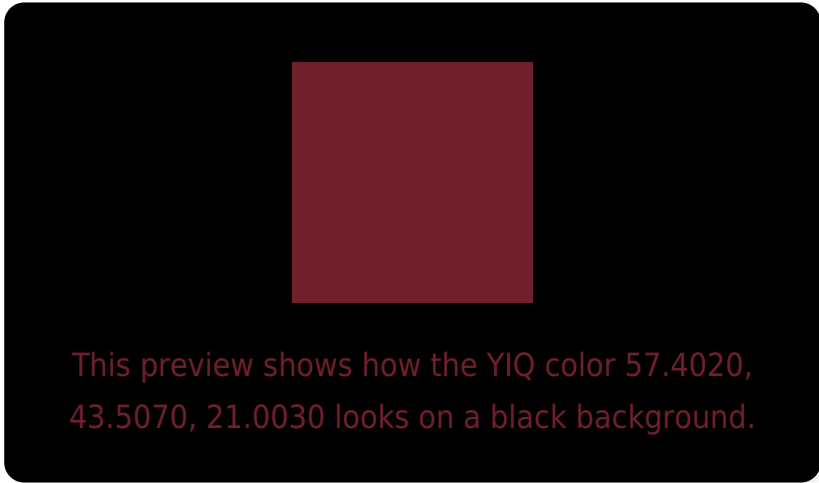
Large Text (above 18pt) WCAG AA ✓ Pass

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 57.4020, 43.5070, 21.0030

Background



This preview shows how black text looks on a background with the YIQ color 57.4020, 43.5070, 21.0030.



This preview shows how white text looks on a background with the YIQ color 57.4020, 43.5070,

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

57.4020, 43.5070, 21.0030

Protanopia

62.2560, 2.1550, -0.5090

Deuteranopia

62.3190, 15.0390, -2.7290



Tritanopia

57.4360, 46.1670, 16.8470

Trichromacy



Original Color

57.4020, 43.5070, 21.0030

Protanomaly

60.3120, 16.9170, 7.2930

Deuteranomaly

60.4500, 25.2160, 5.5680

Tritanomaly

57.3050, 45.1580, 18.6140

Monochromacy



Original Color

57.4020, 43.5070, 21.0030

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

57.2410, 15.6790, 7.7030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 57.4020, 43.5070, 21.0030 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, 32, 45)` looks like.

```
.text, #text, p{  
    color:rgb(112, 32, 45)  
}
```

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, 32, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 32, 45) }
```

Border

The CSS property to change the border of an element to YIQ 57.4020, 43.5070, 21.0030 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, 32, 45) }
```


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

```
.border{ border-color:rgb(112, 32, 45) }
```

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

Here you see how a box with a 4 pixel rgb(112, 32, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 32, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 32, 45);  
box-shadow:4px 4px 4px 4px rgb(112, 32,  
45) }
```

Background

The CSS property to change the background color of an element to YIQ 57.4020, 43.5070, 21.0030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 32, 45) }
```

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

```
.background{ background-color: rgb(112, 32,  
45) }
```

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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