

Converting Colors

YIQ(42.8240, 21.2270, 6.2750)

Have a look what the booklet for
YIQ(42.8240, 21.2270, 6.2750)
contains.

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Color

**YIQ(42.8240, 21.2270,
6.2750)**

Conversions

Conversions Part 1

Format	Color
Hex	43211E
RGB	67, 33, 30
RGB Percent	26%, 13%, 12%
CMY	0.7372, 0.8706, 0.8823
CMYK	0.00, 0.51, 0.55, 0.74
HSL	5°, 38%, 19%
HSV	5°, 55%, 26%
XYZ	3.0942, 2.3748, 1.5251
YIQ	42.8240, 21.2270, 6.2750

Conversions

Conversions Part 2

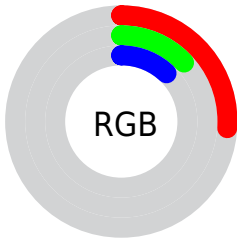
Format	Color
RYB	67, 33, 30
Decimal	4399390
CIELab	17.34, 15.93, 9.28
CIElCh	17, 18.438, 30.208
Yxy	2.3748, 0.4424, 0.3395
Android (android.graphics.Color)	4282589470 (0xFF43211E)
YUV	42.8240, -6.3222, 21.2024
Hunter-Lab	15.4103, 8.8727, 4.9196

Details

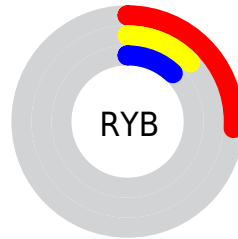
The YIQ color **42.8240, 21.2270, 6.2750** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **54.1760, -21.2270, -6.2750**, and the grayscale version is **43.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **89.2050, 24.5280, 7.0240**, and **3.5880, 7.1520, 2.5440** is the 20% darker color. If you saturate the color by 10%, you get **38.5040, 25.1240, 7.2360**, and if you desaturate by 10%, it is **47.1440, 17.3300, 5.3140**.

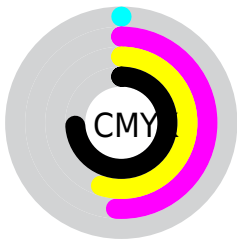
Distribution



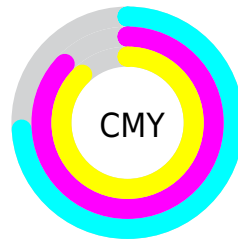
- Red (26%)
- Green (13%)
- Blue (12%)



- Red (26%)
- Yellow (13%)
- Blue (12%)



- Cyan (0%)
- Magenta (51%)
- Yellow (55%)
- Black (74%)



- Cyan (74%)
- Magenta (87%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 42.8240, 21.2270, 6.2750 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 42.8240, 21.2270, 6.2750 by changing the saturation by 10% instead.

■ 42.8240, 21.2270,
6.2750

■ 42.8240, 21.2270,
6.2750

■ 255.0000, -0.0000,
-0.0000

■ 20.7700, 21.3190,
4.6070

■ 89.2050, 24.5280,
7.0240

■ 3.5880, 7.1520,
2.5440

■ 113.6890, 26.0410,
7.1370

■ 0.0000, 0.0000,
0.0000


■ 139.2870, 27.2330,
7.5610


■ 165.8850, 28.4250,
7.9850


■ 193.4830, 29.6170,
8.4090


■ 221.3690, 29.9380,


8.0980


 240.9970, 13.2500,
2.1620


 42.8240, 21.2270,
6.2750


 42.8240, 21.2270,
6.2750


 38.5040, 25.1240,
7.2360


 47.1440, 17.3300,
5.3140


 34.2980, 28.7000,
8.5080


 51.3500, 13.7540,
4.0420

 29.3910, 32.8720,
9.9920

 55.6700, 9.8570,
3.0810

 25.0710, 36.7690,
10.9530

 60.5770, 5.6850,
1.5970

 22.9680, 38.5570,
11.5890

 64.8970, 1.7880,
0.6360

■ 69.1030, -1.7880,
-0.6360

■ 73.4230, -5.6850,
-1.5970

■ 77.7430, -9.5820,
-2.5580

■ 81.9490, -13.1580,
-3.8300

Harmonies

Analogous

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



43.7190, 17.3290, 10.8410



42.8240, 21.2270, 6.2750



42.2380, 19.7610, -0.1990

Triad

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



42.8240, 21.2270, 6.2750



37.4620, -10.5890, -11.8450



39.6740, -22.3290, 2.6870

Complementary

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



42.8240, 21.2270, 6.2750



54.1760, -21.2270, -6.2750

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.



34.9990, -33.7900, -4.3660



42.8240, 21.2270, 6.2750



33.5510, -26.9570, -12.5650

Square

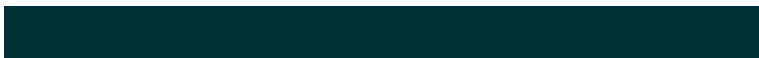
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



42.8240, 21.2270, 6.2750



40.2310, 3.3030, -10.3050



35.0330, -31.1300, -8.5220



43.4590, -5.3660, 9.1460

Rectangle

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



42.8240, 21.2270, 6.2750



41.4500, 16.0480, -4.4960



35.0330, -31.1300, -8.5220



36.5590, -29.4350, -0.6910

Sweetspot

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



42.8240, 21.2270, 6.2750



77.0720, 8.6650, 2.6570



45.0530, 10.8170, 18.7290



37.3920, 4.7680, 1.6960



171.0000, -0.0000, -0.0000



43.0000, -0.0000, -0.0000

Same Dimension

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



42.8240, 21.2270, 6.2750



49.2770, 33.1930, 9.6810



53.3900, 16.2770, -3.1390



30.8970, 1.7880, 0.6360



33.6990, 55.6120, 16.3800



77.5420, 128.5540, 38.0740

Inverse Universe

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



54.1760, -21.2270, -6.2750



66.7230, -33.1930, -9.6810



43.6100, -16.2770, 3.1390



32.1030, -1.7880, -0.6360



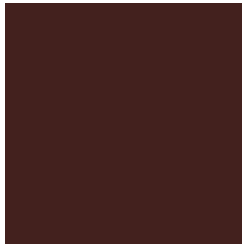
63.3010, -55.6120, -16.3800



146.4580, -128.5540, -38.0740

Previews

White Background



This preview shows how the YIQ color 42.8240, 21.2270, 6.2750 looks on a white background.

Color Contrast Check

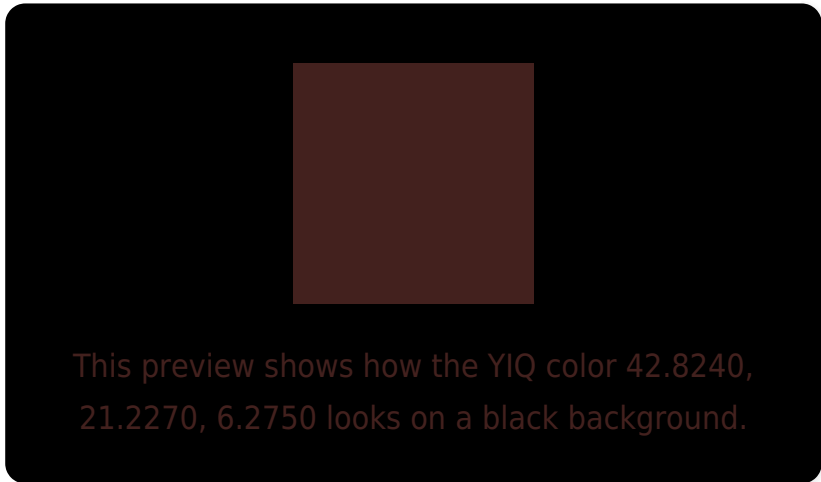
Large Text (above 18pt) WCAG AA ✓ Pass

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

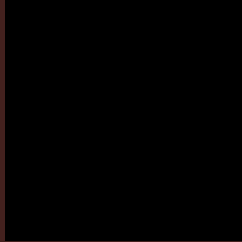
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 42.8240, 21.2270, 6.2750

Background



This preview shows how black text looks on a background with the YIQ color 42.8240, 21.2270, 6.2750.

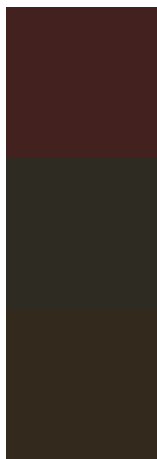


This preview shows how white text looks on a background with the YIQ color 42.8240, 21.2270,

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

42.8240, 21.2270, 6.2750

Protanopia

42.8710, 4.6770, -2.1630

Deuteranopia

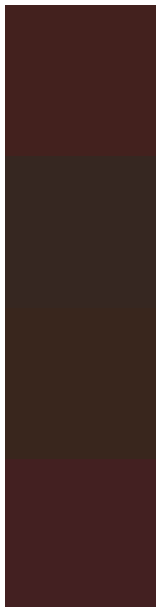
42.9210, 10.4080, -1.4000



Tritanopia

42.8070, 19.8970, 8.3530

Trichromacy



Original Color

42.8240, 21.2270, 6.2750

Protanomaly

42.8010, 10.8660, 1.3140

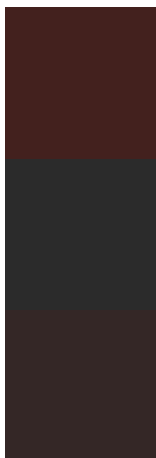
Deuteranomaly

42.6550, 14.2130, 1.2290

Tritanomaly

42.5790, 20.5390, 7.7310

Monochromacy



Original Color

42.8240, 21.2270, 6.2750

Achromatopsia

43.0000, -0.0000, -0.0000

Achromatomaly

42.7730, 8.0690, 2.4450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 42.8240, 21.2270, 6.2750 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(67, 33, 30)` looks like.

```
.text, #text, p{  
    color:rgb(67, 33, 30)  
}
```

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(67, 33, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 33, 30) }
```

Border

The CSS property to change the border of an element to YIQ 42.8240, 21.2270, 6.2750 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(67, 33, 30) }
```


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

```
.border{ border-color:rgb(67, 33, 30) }
```

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

Here you see how a box with a 4 pixel rgb(67, 33, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 33, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 33, 30);  
box-shadow:4px 4px 4px 4px rgb(67, 33, 30)  
}
```

Background

The CSS property to change the background color of an element to YIQ 42.8240, 21.2270, 6.2750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 33, 30) }
```

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

```
.background{ background-color: rgb(67, 33,  
30) }
```

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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