

Converting Colors

YIQ(42.2780, 23.4250, 21.5130)

Have a look what the booklet for
YIQ(42.2780, 23.4250, 21.5130)
contains.

YIQ(42.2780, 23.4250, 21.5130)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(42.2780, 23.4250,
21.5130)**

Conversions

Conversions Part 1

Format	Color
Hex	4E1635
RGB	78, 22, 53
RGB Percent	31%, 9%, 21%
CMY	0.6940, 0.9138, 0.7921
CMYK	0.00, 0.72, 0.32, 0.69
HSL	327°, 56%, 20%
HSV	327°, 72%, 31%
XYZ	4.0745, 2.4515, 3.6287
YIQ	42.2780, 23.4250, 21.5130

Conversions

Conversions Part 2

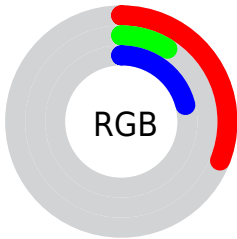
Format	Color
RYB	78, 22, 53
Decimal	5117493
CIELab	17.70, 29.74, -6.26
CIELCh	18, 30.395, 348.110
Yxy	2.4515, 0.4012, 0.2414
Android (android.graphics.Color)	4283307573 (0xFF4E1635)
YUV	42.2780, 5.2859, 31.3282
Hunter-Lab	15.6572, 19.0519, -2.7810

Details

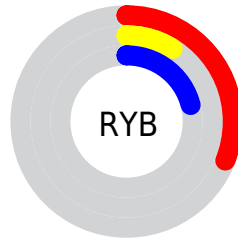
The YIQ color **42.2780, 23.4250, 21.5130** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **57.7220, -23.4250, -21.5130**, and the grayscale version is **42.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **90.4740, 25.8090, 22.3610**, and **10.5510, 17.7420, 8.8620** is the 20% darker color. If you saturate the color by 10%, you get **37.2400, 26.5880, 24.7640**, and if you desaturate by 10%, it is **47.4300, 19.9410, 18.5730**.

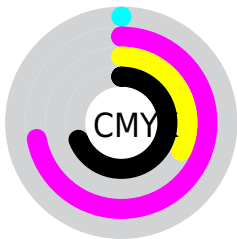
Distribution



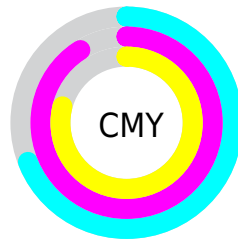
- Red (31%)
- Green (9%)
- Blue (21%)



- Red (31%)
- Yellow (9%)
- Blue (21%)



- Cyan (0%)
- Magenta (72%)
- Yellow (32%)
- Black (69%)



- Cyan (69%)
- Magenta (91%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 42.2780, 23.4250, 21.5130 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 42.2780, 23.4250, 21.5130 by changing the saturation by 10% instead.

■ 42.2780, 23.4250,
21.5130

■ 42.2780, 23.4250,
21.5130

■ 255.0000, -0.0000,
-0.0000

■ 19.7940, 21.9120,
21.4000

■ 90.4740, 25.8090,
22.3610

■ 10.5510, 17.7420,
8.8620

■ 115.9580, 27.3220,
22.4740

■ 0.0000, 0.0000,
0.0000


■ 141.9690, 28.7890,
23.4210


■ 168.6810, 29.6600,
24.1560


■ 196.2790, 30.8520,
24.5800


■ 220.2070, 22.1870,


21.9230


 239.1510, 7.4250,
14.1210


 42.2780, 23.4250,
21.5130


 42.2780, 23.4250,
21.5130


 37.2400, 26.5880,
24.7640


 47.4300, 19.9410,
18.5730


 32.0880, 30.0720,
27.7040

 52.4680, 16.7780,
15.3220

 28.2240, 32.6850,
29.9090

 56.9190, 13.8900,
12.5940

 62.0710, 10.4060,
9.6540

 67.1090, 7.2430,
6.4030

■ 72.2610, 3.7590,
3.4630

■ 77.2990, 0.5960,
0.2120

■ 81.8640, -2.6130,
-2.2050

■ 86.9020, -5.7760,
-5.4560

Harmonies

Analogous

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



44.7580, 4.3980, 19.4220



42.2780, 23.4250, 21.5130



40.3790, 33.1460, 16.0420

Triad

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



42.2780, 23.4250, 21.5130



39.5600, 12.3820, -15.1540



39.1880, -38.6960, -3.5600

Complementary

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



42.2780, 23.4250, 21.5130



57.7220, -23.4250, -21.5130

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.



37.4950, -32.5510, -10.3030



42.2780, 23.4250, 21.5130



35.0780, -9.8080, -20.4960

Square

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



42.2780, 23.4250, 21.5130



41.4310, 26.2270, -7.2530



34.9870, -25.4890, -17.1450



37.9800, -40.8060, 1.6420

Rectangle

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



42.2780, 23.4250, 21.5130



41.4080, 34.2020, 7.9140



34.9870, -25.4890, -17.1450



39.0910, -37.0450, -5.9490

Sweetspot

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



42.2780, 23.4250, 21.5130



87.9460, 9.2600, 8.3960



35.5600, -3.6720, 22.5040



42.6850, 5.5010, 4.9330



179.0000, -0.0000, -0.0000



51.0000, -0.0000, -0.0000

Same Dimension

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



42.2780, 23.4250, 21.5130



45.8980, 36.7190, 33.8950



39.2000, 32.0920, 13.1160



35.5380, 1.4210, 1.7810



36.8820, 42.8160, 39.0400



83.2480, 96.3130, 88.2570

Inverse Universe

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



42.2780, 23.4250, 21.5130



45.8980, 36.7190, 33.8950



60.8000, -32.0920, -13.1160



35.5380, 1.4210, 1.7810



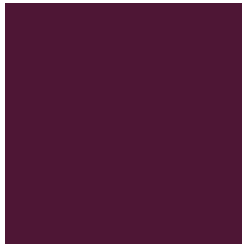
36.8820, 42.8160, 39.0400



83.2480, 96.3130, 88.2570

Previews

White Background



This preview shows how the YIQ color 42.2780, 23.4250, 21.5130 looks on a white background.

Color Contrast Check

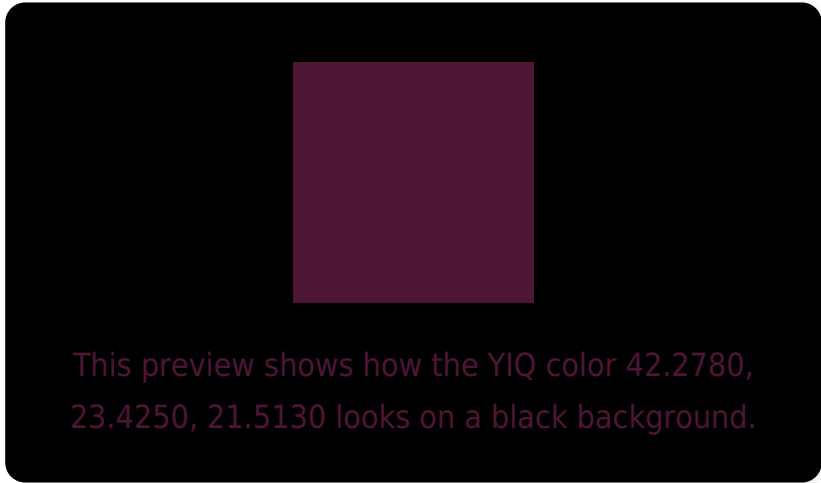
Large Text (above 18pt) WCAG AA ✓ Pass

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

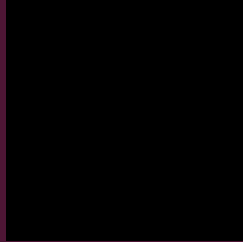
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 42.2780, 23.4250, 21.5130

Background



This preview shows how black text looks on a background with the YIQ color 42.2780, 23.4250, 21.5130.



This preview shows how white text looks on a background with the YIQ color 42.2780, 23.4250,

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

42.2780, 23.4250, 21.5130

Protanopia

44.4580, -12.7930, 6.0790

Deuteranopia

45.5810, -0.1380, 2.5020



Tritanopia

42.5800, 27.9660, 10.7980

Trichromacy



Original Color

42.2780, 23.4250, 21.5130

Protanomaly

43.5630, 0.2730, 11.5770

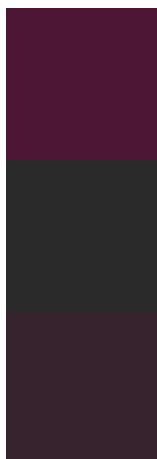
Deuteranomaly

44.2880, 8.2970, 9.3290

Tritanomaly

42.6170, 26.5440, 14.5440

Monochromacy



Original Color

42.2780, 23.4250, 21.5130

Achromatopsia

42.0000, -0.0000, -0.0000

Achromatomaly

42.2340, 8.3890, 7.6610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 42.2780, 23.4250, 21.5130 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(78, 22, 53)` looks like.

```
.text, #text, p{  
    color:rgb(78, 22, 53)  
}
```

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(78, 22, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 22, 53) }
```

Border

The CSS property to change the border of an element to YIQ 42.2780, 23.4250, 21.5130 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(78, 22, 53) }
```


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

```
.border{ border-color:rgb(78, 22, 53) }
```

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

Here you see how a box with a 4 pixel rgb(78, 22, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 22, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 22, 53);  
box-shadow:4px 4px 4px 4px rgb(78, 22, 53)  
}
```

Background

The CSS property to change the background color of an element to YIQ 42.2780, 23.4250, 21.5130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 22, 53) }
```

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

```
.background{ background-color: rgb(78, 22,  
53) }
```

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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