

Converting Colors

YIQ(42.4470, 4.0760, 25.2600)

Have a look what the booklet for
YIQ(42.4470, 4.0760, 25.2600)
contains.

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Color

**YIQ(42.4470, 4.0760,
25.2600)**

Conversions

Conversions Part 1

Format	Color
Hex	3E1951
RGB	62, 25, 81
RGB Percent	24%, 10%, 32%
CMY	0.7567, 0.9020, 0.6824
CMYK	0.23, 0.69, 0.00, 0.68
HSL	280°, 53%, 21%
HSV	280°, 69%, 32%
XYZ	3.8208, 2.3137, 8.0284
YIQ	42.4470, 4.0760, 25.2600

Conversions

Conversions Part 2

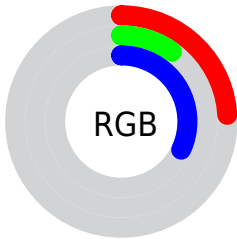
Format	Color
RYB	62, 25, 81
Decimal	4069713
CIELab	17.05, 28.81, -26.88
CIELCh	17, 39.396, 316.985
Yxy	2.3137, 0.2698, 0.1634
Android (android.graphics.Color)	4282259793 (0xFF3E1951)
YUV	42.4470, 19.0066, 17.1480
Hunter-Lab	15.2109, 18.2180, -20.6460

Details

The YIQ color **42.4470, 4.0760, 25.2600** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **63.5530, -4.0760, -25.2600**, and the grayscale version is **42.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **90.0990, 5.1760, 27.3520**, and **8.2900, -3.2120, 14.1640** is the 20% darker color. If you saturate the color by 10%, you get **36.8540, 4.4880, 28.8080**, and if you desaturate by 10%, it is **48.0400, 3.6640, 21.7120**.

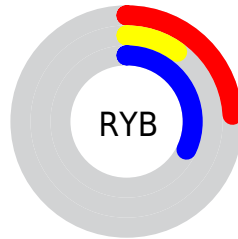
Distribution



Red (24%)

Green (10%)

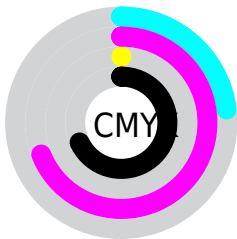
Blue (32%)



Red (24%)

Yellow (10%)

Blue (32%)

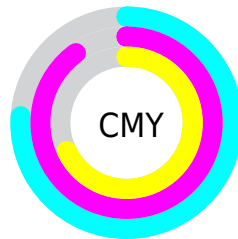


Cyan (23%)

Magenta (69%)

Yellow (0%)

Black (68%)



Cyan (76%)

Magenta (90%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 42.4470, 4.0760, 25.2600 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 42.4470, 4.0760, 25.2600 by changing the saturation by 10% instead.

■ 42.4470, 4.0760,
25.2600

■ 42.4470, 4.0760,
25.2600

■ 255.0000, -0.0000,
-0.0000

■ 19.7350, 3.2050,
24.5250

■ 90.0990, 5.1760,
27.3520

■ 8.2900, -3.2120,
14.1640

■ 114.9250, 5.7260,
28.3980

■ 1.2540, -3.5310,
3.4210

■ 141.3380, 6.0010,
28.9210

■ 0.0000, 0.0000,
0.0000

■ 167.8650, 5.9550,
29.7550

■ 194.6910, 6.5050,
30.8010

■ 221.5080, 11.2740,

26.9700

 239.7380, 7.1500,
13.5980


 42.4470, 4.0760,
25.2600


 42.4470, 4.0760,
25.2600


 36.8540, 4.4880,
28.8080

 48.0400, 3.6640,
21.7120

 31.5600, 5.4960,
32.5680


 53.6330, 3.2520,
18.1640

 25.9670, 5.9080,
36.1160

 58.9270, 2.2440,
14.4040

 25.3800, 6.1830,
36.6390

 64.5200, 1.8320,
10.8560

 70.1130, 1.4200,
7.3080

■ 75.9940, 0.1370,
3.0250

■ 81.5870, -0.2750,
-0.5230

■ 87.1800, -0.6870,
-4.0710

■ 92.7730, -1.0990,
-7.6190

Harmonies

Analogous

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



34.5380, -42.1370, 9.2470



42.4470, 4.0760, 25.2600



34.7340, 31.3090, 32.8210

Triad

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



42.4470, 4.0760, 25.2600



39.9690, 27.6480, -5.4720



38.3100, -33.4680, -10.2040

Complementary

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



42.4470, 4.0760, 25.2600



63.5530, -4.0760, -25.2600

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.



34.3030, -23.5630, -19.0110



42.4470, 4.0760, 25.2600



38.3640, 9.9980, -16.0020

Square

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



42.4470, 4.0760, 25.2600



36.8450, 43.0970, 6.4010



29.9370, -14.0250, -26.6730



40.5730, -41.2180, -1.9060

Rectangle

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



42.4470, 4.0760, 25.2600



31.1280, 41.7630, 30.5870



29.9370, -14.0250, -26.6730



37.1700, -30.2580, -13.3140

Sweetspot

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



42.4470, 4.0760, 25.2600



89.6940, 1.2820, 9.8100



43.1240, -23.4760, 6.9560



44.2870, 0.8700, 6.2620



181.0000, -0.0000, 0.0000



54.0000, -0.0000, 0.0000

Same Dimension

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



42.4470, 4.0760, 25.2600



44.9610, 6.0450, 39.1410



47.2160, 17.9680, 26.8000



38.0540, -0.0920, 1.6680



32.6010, 7.4190, 47.2830



72.1950, 16.7160, 104.5880

Inverse Universe

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



43.9100, 27.2770, 17.7810



47.3190, 42.5430, 27.4630



58.7840, -17.9680, -26.8000



38.3100, 2.0630, 1.1590



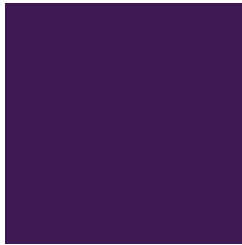
35.3850, 51.3450, 33.1450



78.3740, 112.9130, 73.7530

Previews

White Background



This preview shows how the YIQ color 42.4470, 4.0760, 25.2600 looks on a white background.

Color Contrast Check

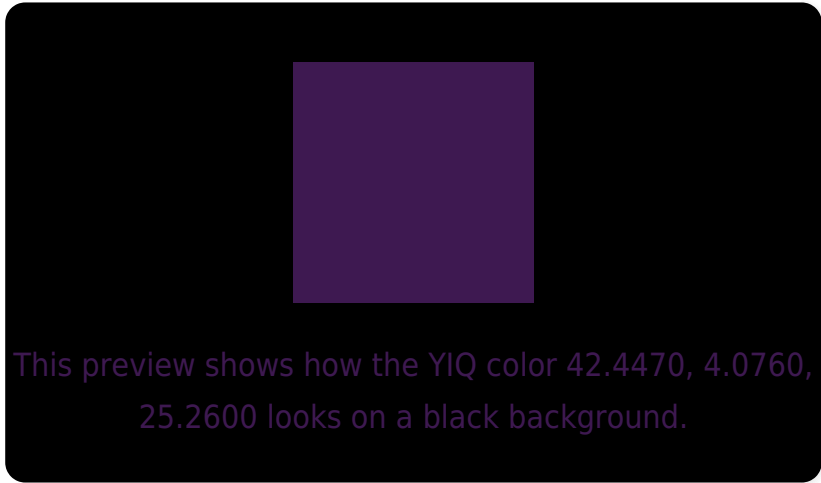
Large Text (above 18pt) WCAG AA ✓ Pass

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

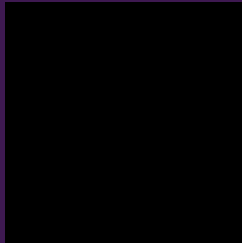
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 42.4470, 4.0760, 25.2600

Background



This preview shows how black text looks on a background with the YIQ color 42.4470, 4.0760, 25.2600.



This preview shows how white text looks on a background with the YIQ color 42.4470, 4.0760,

25.2600.

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

42.4470, 4.0760, 25.2600

Protanopia

34.6860, -39.7980, 5.4020

Deuteranopia

36.4000, -33.2410, 2.2070



Tritanopia

43.7240, 9.7650, 4.7490

Trichromacy



Original Color

42.4470, 4.0760, 25.2600

Protanomaly

37.6990, -23.4770, 12.4830

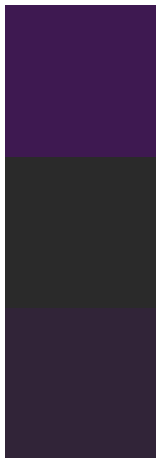
Deuteranomaly

38.3850, -19.7170, 10.4190

Tritanomaly

43.0970, 7.5170, 12.4530

Monochromacy



Original Color

42.4470, 4.0760, 25.2600

Achromatopsia

42.0000, -0.0000, -0.0000

Achromatomaly

42.1670, 1.3280, 8.9760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 42.4470, 4.0760, 25.2600 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(62, 25, 81)` looks like.

```
.text, #text, p{  
    color:rgb(62, 25, 81)  
}
```

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(62, 25, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 25, 81) }
```

Border

The CSS property to change the border of an element to YIQ 42.4470, 4.0760, 25.2600 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(62, 25, 81) }
```


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

```
.border{ border-color:rgb(62, 25, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 25, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 25, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 25, 81);  
box-shadow:4px 4px 4px 4px rgb(62, 25, 81)  
}
```

Background

The CSS property to change the background color of an element to YIQ 42.4470, 4.0760, 25.2600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 25, 81) }
```

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

```
.background{ background-color: rgb(62, 25,  
81) }
```

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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