

Converting Colors

YIQ(52.7700, 4.1240, 13.3720)

Have a look what the booklet for
YIQ(52.7700, 4.1240, 13.3720)
contains.

YIQ(52.7700, 4.1240, 13.3720)	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(52.7700, 4.1240,
13.3720)**

Conversions

Conversions Part 1

Format	Color
Hex	412B47
RGB	65, 43, 71
RGB Percent	25%, 17%, 28%
CMY	0.7450, 0.8314, 0.7216
CMYK	0.08, 0.39, 0.00, 0.72
HSL	287°, 25%, 22%
HSV	287°, 39%, 28%
XYZ	4.1820, 3.3064, 6.3788
YIQ	52.7700, 4.1240, 13.3720

Conversions

Conversions Part 2

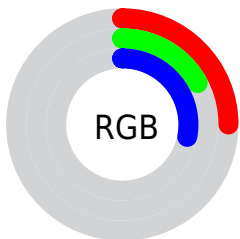
Format	Color
R_{YB}	65, 43, 71
Decimal	4270919
CIE Lab	21.23, 16.04, -13.48
CIE LCh	21, 20.951, 319.940
Yxy	3.3064, 0.3016, 0.2384
Android (android.graphics.Color)	4282460999 (0xFF412B47)
YUV	52.7700, 8.9874, 10.7257
Hunter-Lab	18.1836, 9.2314, -8.0704




Details

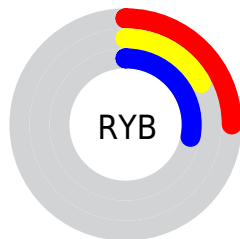
The YIQ color **52.7700, 4.1240, 13.3720** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **61.2300, -4.1240, -13.3720**, and the grayscale version is **53.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **99.7100, 4.3530, 14.7290**, and **10.3680, 5.3160, 13.7960** is the 20% darker color. If you saturate the color by 10%, you get **48.3620, 5.4530, 16.8210**, and if you desaturate by 10%, it is **57.4770, 3.3910, 10.1350**.

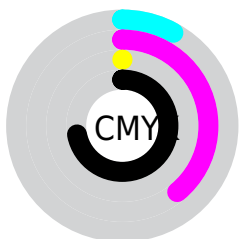
Distribution







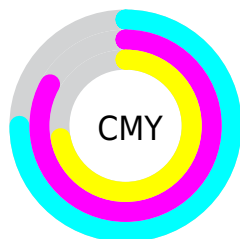
-  Red (25%)
-  Green (17%)
-  Blue (28%)






-  Red (25%)
-  Yellow (17%)
-  Blue (28%)



-  Cyan (8%)
-  Magenta (39%)
-  Yellow (0%)
-  Black (72%)



-  Cyan (75%)
-  Magenta (83%)
-  Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 52.7700, 4.1240, 13.3720 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 52.7700, 4.1240, 13.3720 by changing the saturation by 10% instead.

■ 52.7700, 4.1240,
13.3720

■ 52.7700, 4.1240,
13.3720

■ 255.0000, -0.0000,
-0.0000

■ 30.9440, 3.5740,
12.3260

■ 99.7100, 4.3530,
14.7290

■ 10.3680, 5.3160,
13.7960

■ 125.0090, 4.9490,
14.9410

■ 0.0000, 0.0000,
0.0000

■ 150.8350, 5.4990,
15.9870

■ 177.2480, 5.7740,
16.5100

■ 205.2480, 5.7740,
16.5100

■ 233.2480, 5.7740,

16.5100

251.4780, 1.6500,
3.1380

52.7700, 4.1240,
13.3720

52.7700, 4.1240,
13.3720

48.3620, 5.4530,
16.8210

57.4770, 3.3910,
10.1350

43.6550, 6.1860,
20.0580

61.8850, 2.0620,
6.6860

38.9480, 6.9190,
23.2950

66.5920, 1.3290,
3.4490

34.5400, 8.2480,
26.7440

71.0000, -0.0000,
-0.0000

29.2460, 9.2560,
30.5040

75.7070, -0.7330,
-3.2370

■ 24.8380, 10.5850,
33.9530

■ 80.7020, -2.3370,
-7.2090

■ 85.4090, -3.0700,
-10.4460

■ 89.8170, -4.3990,
-13.8950

■ 94.5240, -5.1320,
-17.1320

Harmonies

Analogous

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



51.0390, -12.9310, 8.5810



52.7700, 4.1240, 13.3720



52.4140, 16.8700, 13.6540

Triad

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



52.7700, 4.1240, 13.3720



49.8910, 19.1200, -5.1040



41.5870, -35.8060, -11.8860

Complementary

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



52.7700, 4.1240, 13.3720



61.2300, -4.1240, -13.3720

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.



41.2580, -27.6900, -15.8020



52.7700, 4.1240, 13.3720



48.4550, 8.4840, -10.5880

Square

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



52.7700, 4.1240, 13.3720



51.1570, 24.4830, 2.3310



46.4470, -6.2330, -13.6970



41.8950, -39.4290, -6.7970

Rectangle

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



52.7700, 4.1240, 13.3720



51.4700, 22.4640, 11.3920



46.4470, -6.2330, -13.6970



41.0170, -34.2010, -13.4410

Sweetspot

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



52.7700, 4.1240, 13.3720



84.6460, 1.2370, 5.1170



49.7140, -10.6380, 5.5700



41.5920, 1.3290, 3.4490



173.0000, -0.0000, 0.0000



46.0000, 0.0000, -0.0000

Same Dimension

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



52.7700, 4.1240, 13.3720



64.0680, 6.4610, 20.5810



53.6520, 10.2680, 12.1560



33.3530, 0.5040, 1.8800



34.6080, 14.7090, 47.3250



79.1000, 33.2210, 108.3330

Inverse Universe

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



52.0560, 14.7620, 7.8020



62.8830, 22.7390, 11.9150



60.3480, -10.2680, -12.1560



33.3100, 2.0630, 1.1590



31.9950, 52.2630, 27.5190



73.3450, 119.8840, 63.0520

Previews

White Background



This preview shows how the YIQ color 52.7700, 4.1240, 13.3720 looks on a white background.

Color Contrast Check

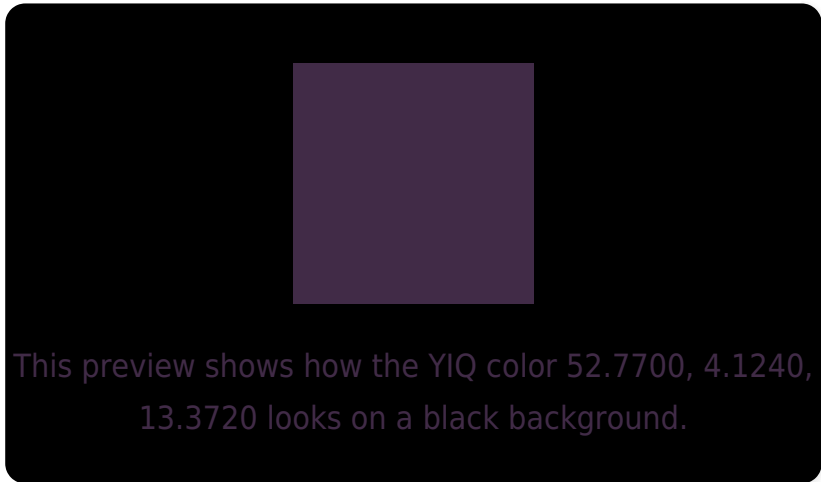
Large Text (above 18pt) WCAG AA ✓ Pass

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

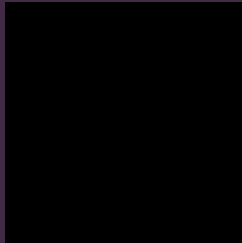
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 52.7700, 4.1240, 13.3720

Background



This preview shows how black text looks on a background with the YIQ color 52.7700, 4.1240, 13.3720.



This preview shows how white text looks on a background with the YIQ color 52.7700, 4.1240,

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

52.7700, 4.1240, 13.3720

Protanopia

50.6860, -13.4350, 6.7010

Deuteranopia

51.6710, -9.0790, 4.8490



Tritanopia

51.9410, 7.6560, 4.4240

Trichromacy



Original Color

52.7700, 4.1240, 13.3720

Protanomaly

51.0890, -7.2000, 9.3440

Deuteranomaly

52.0030, -4.0820, 7.9020

Tritanomaly

52.4510, 6.2800, 7.3360

Monochromacy



Original Color

52.7700, 4.1240, 13.3720

Achromatopsia

53.0000, -0.0000, -0.0000

Achromatomaly

52.6460, 1.2370, 5.1170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 52.7700, 4.1240, 13.3720 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(65, 43, 71)` looks like.

```
.text, #text, p{  
    color:rgb(65, 43, 71)  
}
```

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(65, 43, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 43, 71) }
```

Border

The CSS property to change the border of an element to YIQ 52.7700, 4.1240, 13.3720 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(65, 43, 71) }
```


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

```
.border{ border-color:rgb(65, 43, 71) }
```

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

Here you see how a box with a 4 pixel rgb(65, 43, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 43, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 43, 71);  
box-shadow:4px 4px 4px 4px rgb(65, 43, 71)  
}
```

Background

The CSS property to change the background color of an element to YIQ 52.7700, 4.1240, 13.3720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 43, 71) }
```

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

```
.background{ background-color: rgb(65, 43,  
71) }
```

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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