

Converting Colors

YIQ(41.7590, 2.6570, 12.4250)

Have a look what the booklet for
YIQ(41.7590, 2.6570, 12.4250)
contains.

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Color

**YIQ(41.7590, 2.6570,
12.4250)**

Conversions

Conversions Part 1

Format	Color
Hex	34213C
RGB	52, 33, 60
RGB Percent	20%, 13%, 24%
CMY	0.7960, 0.8706, 0.7647
CMYK	0.13, 0.45, 0.00, 0.76
HSL	282°, 29%, 18%
HSV	282°, 45%, 24%
XYZ	2.7762, 2.1440, 4.5421
YIQ	41.7590, 2.6570, 12.4250

Conversions

Conversions Part 2

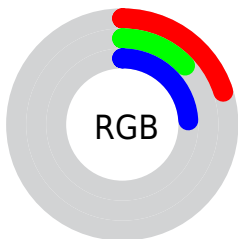
Format	Color
R_{YB}	52, 33, 60
Decimal	3416380
CIE _{Lab}	16.23, 15.08, -13.80
CIE _{LCh}	16, 20.443, 317.534
Yxy	2.1440, 0.2934, 0.2266
Android (android.graphics.Color)	4281606460 (0xFF34213C)
YUV	41.7590, 8.9928, 8.9814
Hunter-Lab	14.6423, 8.2193, -8.1424

Details

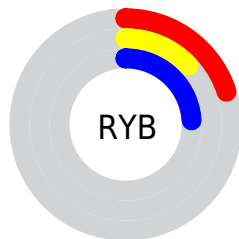
The YIQ color **41.7590, 2.6570, 12.4250** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **51.2410, -2.6570, -12.4250**, and the grayscale version is **42.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **87.5850, 3.2070, 13.4710**, and **2.5250, -5.7320, 4.7640** is the 20% darker color. If you saturate the color by 10%, you get **37.6390, 3.1150, 15.1390**, and if you desaturate by 10%, it is **45.8790, 2.1990, 9.7110**.

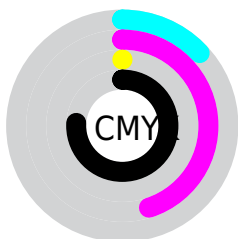
Distribution



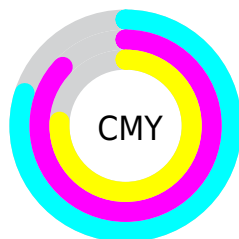
- Red (20%)
- Green (13%)
- Blue (24%)



- Red (20%)
- Yellow (13%)
- Blue (24%)



- Cyan (13%)
- Magenta (45%)
- Yellow (0%)
- Black (76%)



- Cyan (80%)
- Magenta (87%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 41.7590, 2.6570, 12.4250 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 41.7590, 2.6570, 12.4250 by changing the saturation by 10% instead.

■ 41.7590, 2.6570,
12.4250

■ 41.7590, 2.6570,
12.4250

■ 255.0000, -0.0000,
-0.0000

■ 20.6450, 2.9780,
12.1140

■ 87.5850, 3.2070,
13.4710

■ 2.4110, -5.4110,
4.4530

■ 112.1120, 3.1610,
14.3050

■ 0.0000, 0.0000,
0.0000

■ 137.5250, 3.4360,
14.8280

■ 163.9380, 3.7110,
15.3510

■ 191.3510, 3.9860,
15.8740

■ 218.7640, 4.2610,

16.3970

243.2600, 5.5000,
10.4600

41.7590, 2.6570,
12.4250

41.7590, 2.6570,
12.4250

37.6390, 3.1150,
15.1390

45.8790, 2.1990,
9.7110

33.5190, 3.5730,
17.8530

49.9990, 1.7410,
6.9970

29.6980, 4.6270,
20.7790

53.8200, 0.6870,
4.0710

25.5780, 5.0850,
23.4930

57.9400, 0.2290,
1.3570

21.4580, 5.5430,
26.2070

62.0600, -0.2290,
-1.3570

■ 19.3980, 5.7720,
27.5640

■ 66.1800, -0.6870,
-4.0710

■ 70.0010, -1.7410,
-6.9970

■ 74.1210, -2.1990,
-9.7110

■ 78.2410, -2.6570,
-12.4250

Harmonies

Analogous

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



39.9140, -14.0770, 7.3230



41.7590, 2.6570, 12.4250



40.9300, 15.3570, 13.5410

Triad

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



41.7590, 2.6570, 12.4250



38.8910, 19.1200, -5.1040



33.7620, -28.9290, -9.8650

Complementary

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



41.7590, 2.6570, 12.4250



51.2410, -2.6570, -12.4250

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.



31.3510, -23.5180, -14.3180



41.7590, 2.6570, 12.4250



38.0530, 9.6760, -10.1640

Square

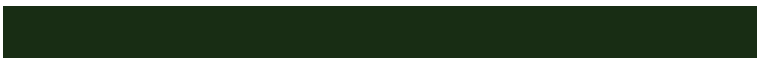
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



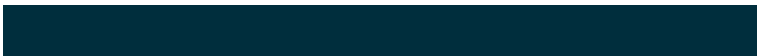
41.7590, 2.6570, 12.4250



39.7870, 22.6490, 2.5290



35.8710, -4.4910, -12.2270



33.9560, -32.2310, -5.0870

Rectangle

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



41.7590, 2.6570, 12.4250



40.6870, 20.3550, 11.0670



35.8710, -4.4910, -12.2270



33.1920, -27.3240, -11.4200

Sweetspot

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



41.7590, 2.6570, 12.4250



71.6460, 1.2370, 5.1170



40.7740, -10.8670, 4.2130



36.2930, 0.7330, 3.2370



168.0000, -0.0000, -0.0000



41.0000, 0.0000, -0.0000

Same Dimension

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



41.7590, 2.6570, 12.4250



49.8720, 4.0770, 19.7330



43.5810, 9.0300, 12.5660



28.9400, 0.2290, 1.3570



30.4500, 9.1620, 43.2260



71.9520, 21.7140, 102.1140

Inverse Universe

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



41.9850, 13.5240, 8.2120



50.3390, 21.4550, 13.1590



49.4190, -9.0300, -12.5660



28.8970, 1.7880, 0.6360



31.2980, 47.0360, 28.6360



73.9020, 111.1260, 67.5900

Previews

White Background



This preview shows how the YIQ color 41.7590, 2.6570, 12.4250 looks on a white background.

Color Contrast Check

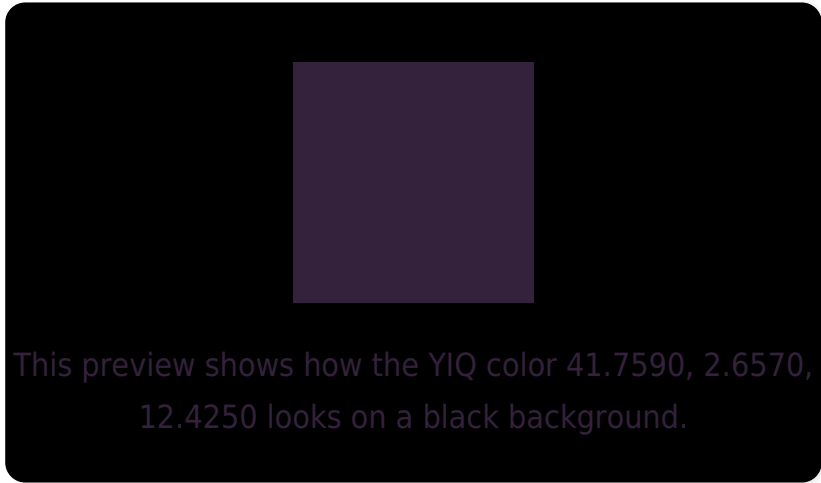
Large Text (above 18pt) WCAG AA ✓ Pass

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

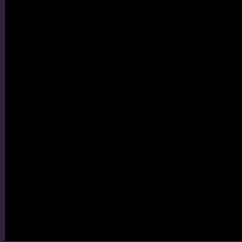
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 41.7590, 2.6570, 12.4250

Background



This preview shows how black text looks on a background with the YIQ color 41.7590, 2.6570, 12.4250.



This preview shows how white text looks on a background with the YIQ color 41.7590, 2.6570,

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

41.7590, 2.6570, 12.4250

Protanopia

39.9740, -14.3060, 5.9660

Deuteranopia

40.0730, -10.2710, 4.4250



Tritanopia

40.9300, 6.1890, 3.4770

Trichromacy



Original Color

41.7590, 2.6570, 12.4250

Protanomaly

40.3770, -8.0710, 8.6090

Deuteranomaly

40.4050, -5.2740, 7.4780

Tritanomaly

41.4400, 4.8130, 6.3890

Monochromacy



Original Color

41.7590, 2.6570, 12.4250

Achromatopsia

42.0000, -0.0000, -0.0000

Achromatomaly

42.2330, 0.9620, 4.5940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 41.7590, 2.6570, 12.4250 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(52, 33, 60)` looks like.

```
.text, #text, p{  
    color:rgb(52, 33, 60)  
}
```

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(52, 33, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 33, 60) }
```

Border

The CSS property to change the border of an element to YIQ 41.7590, 2.6570, 12.4250 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(52, 33, 60) }
```


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

```
.border{ border-color:rgb(52, 33, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 33, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 33, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 33, 60);  
box-shadow:4px 4px 4px 4px rgb(52, 33, 60)  
}
```

Background

The CSS property to change the background color of an element to YIQ 41.7590, 2.6570, 12.4250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 33, 60) }
```

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

```
.background{ background-color: rgb(52, 33,  
60) }
```

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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