

Converting Colors

YIQ(40.4420, -33.0590, 9.9250)

Have a look what the booklet for
YIQ(40.4420, -33.0590, 9.9250)
contains.

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Color

**YIQ(40.4420, -33.0590,
9.9250)**

Conversions

Conversions Part 1

Format	Color
Hex	0F2B5E
RGB	15, 43, 94
RGB Percent	6%, 17%, 37%
CMY	0.9412, 0.8313, 0.6315
CMYK	0.84, 0.54, 0.00, 0.63
HSL	219°, 72%, 21%
HSV	219°, 84%, 37%
XYZ	3.0796, 2.6375, 10.9262
YIQ	40.4420, -33.0590, 9.9250

Conversions

Conversions Part 2

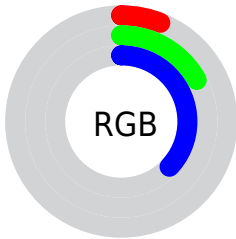
Format	Color
R_{YB}	15, 36, 94
Decimal	994142
CIE _{Lab}	18.53, 10.57, -33.41
CIE _{LCh}	19, 35.038, 287.553
Yxy	2.6375, 0.1850, 0.1585
Android (android.graphics.Color)	4279184222 (0xFF0F2B5E)
YUV	40.4420, 26.4041, -22.3126
Hunter-Lab	16.2403, 5.4278, -28.5211

Details

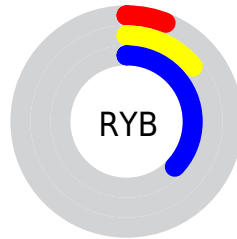
The YIQ color **40.4420, -33.0590, 9.9250** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **68.5580, 33.0590, -9.9250**, and the grayscale version is **40.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **89.7140, -27.8330, 14.3350**, and **5.3580, -15.0870, 14.6170** is the 20% darker color. If you saturate the color by 10%, you get **34.2290, -36.7730, 11.1550**, and if you desaturate by 10%, it is **46.6550, -29.3450, 8.6950**.

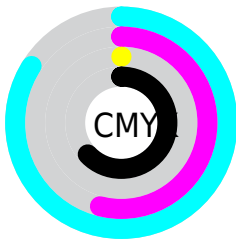
Distribution



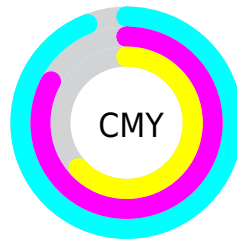
- Red (6%)
- Green (17%)
- Blue (37%)



- Red (6%)
- Yellow (14%)
- Blue (37%)



- Cyan (84%)
- Magenta (54%)
- Yellow (0%)
- Black (63%)



- Cyan (94%)
- Magenta (83%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 40.4420, -33.0590, 9.9250 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 40.4420, -33.0590, 9.9250 by changing the saturation by 10% instead.

■ 40.4420, -33.0590,
9.9250

■ 40.4420, -33.0590,
9.9250

■ 255.0000, -0.0000,
-0.0000

■ 21.4810, -28.7950,
9.7410

■ 89.7140, -27.8330,
14.3350

■ 5.3580, -15.0870,
14.6170

■ 114.6540,
-27.6040, 15.6920

■ 3.5510, -8.6210,
7.5630

■ 141.0670,
-27.3290, 16.2150

■ 0.0000, 0.0000,
0.0000

■ 167.5940,
-27.3750, 17.0490

■ 195.0070,
-27.1000, 17.5720

■ 219.8150,

-18.1120, 8.8640

■ 244.9220, -8.5280,
0.3680

■ 40.4420, -33.0590,
9.9250

■ 40.4420, -33.0590,
9.9250

■ 34.2290, -36.7730,
11.1550

■ 46.6550, -29.3450,
8.6950

■ 30.0870, -39.2490,
11.9750

■ 53.1670, -25.0350,
7.6770

■ 59.3800, -21.3210,
6.4470

■ 65.8920, -17.0110,
5.4290

■ 72.1050, -13.2970,
4.1990

■ 78.3180, -9.5830,
2.9690

■ 84.8300, -5.2730,
1.9510

■ 91.6300, -1.8340,
0.1980

■ 98.1420, 2.4760,
-0.8200

Harmonies

Analogous

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



40.7670, -44.5200, 2.8720



40.4420, -33.0590, 9.9250



46.4530, 3.9390, 22.2350

Triad

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



40.4420, -33.0590, 9.9250



41.4100, 39.8880, 3.9840



36.6340, -25.9930, -19.0250

Complementary

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



40.4420, -33.0590, 9.9250



68.5580, 33.0590, -9.9250

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.



34.0730, -11.4120, -24.4680



40.4420, -33.0590, 9.9250



43.2140, 28.3360, -6.9280

Square

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



40.4420, -33.0590, 9.9250



40.2380, 38.0970, 19.9290



41.0330, 12.4280, -15.9880



39.7120, -34.6600, -10.6280

Rectangle

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



40.4420, -33.0590, 9.9250



44.2440, 20.7650, 25.6690



41.0330, 12.4280, -15.9880



35.1350, -23.1500, -20.9900

Sweetspot

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



40.4420, -33.0590, 9.9250



101.8770, -12.6550, 3.5770



67.0730, -37.7750, -25.7670



48.5740, -7.4280, 2.4600



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



40.4420, -33.0590, 9.9250



39.1490, -50.9870, 15.4530



27.2950, -18.8030, 26.9010



42.7440, -2.1550, 0.5090



35.4330, -46.0350, 13.8130



76.3260, -99.1770, 29.7750

Inverse Universe

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



41.8130, 38.0960, 25.4560



41.3800, 58.9090, 39.2370



81.7050, 18.8030, -26.9010



42.7230, 2.3380, 1.6820



37.3360, 53.0410, 35.4490



80.4390, 114.2880, 76.3680

Previews

White Background



This preview shows how the YIQ color 40.4420, -33.0590, 9.9250 looks on a white background.

Color Contrast Check

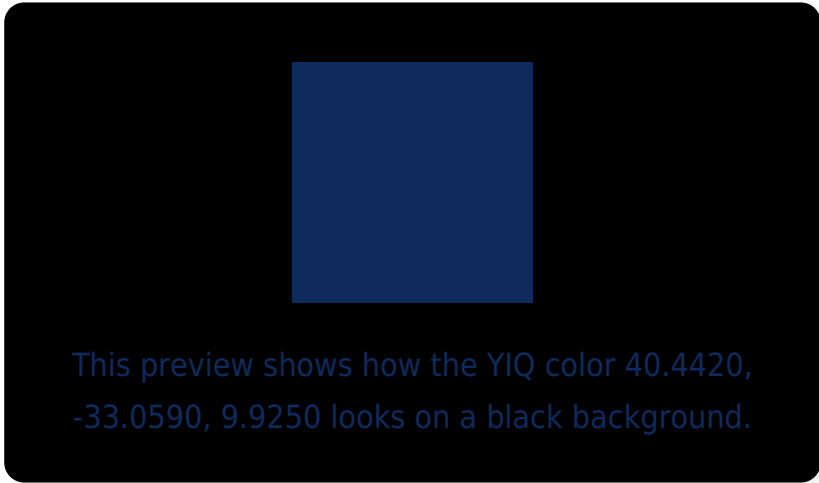
Large Text (above 18pt) WCAG AA ✓ Pass

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

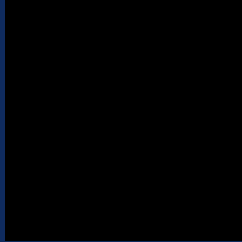
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 40.4420, -33.0590, 9.9250

Background



This preview shows how black text looks on a background with the YIQ color 40.4420, -33.0590, 9.9250.



This preview shows how white text looks on a background with the YIQ color 40.4420, -33.0590,

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

40.4420, -33.0590, 9.9250

Protanopia

36.4300, -41.9530, 5.9110

Deuteranopia

36.7090, -38.6050, 0.2990



Tritanopia

36.0930, -31.3590, -9.8790

Trichromacy



Original Color

40.4420, -33.0590, 9.9250

Protanomaly

37.9250, -38.9730, 6.9710

Deuteranomaly

38.1870, -36.9550, 3.4370

Tritanomaly

37.5370, -32.3690, -2.5850

Monochromacy



Original Color

40.4420, -33.0590, 9.9250

Achromatopsia

40.0000, 0.0000, -0.0000

Achromatomaly

40.1760, -12.0590, 3.7890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 40.4420, -33.0590, 9.9250 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(15, 43, 94)` looks like.

```
.text, #text, p{  
    color:rgb(15, 43, 94)  
}
```

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(15, 43, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 43, 94) }
```

Border

The CSS property to change the border of an element to YIQ 40.4420, -33.0590, 9.9250 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(15, 43, 94) }
```


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

```
.border{ border-color:rgb(15, 43, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 43, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 43, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 43, 94);  
box-shadow:4px 4px 4px 4px rgb(15, 43, 94)  
}
```

Background

The CSS property to change the background color of an element to YIQ 40.4420, -33.0590, 9.9250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 43, 94) }
```

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

```
.background{ background-color: rgb(15, 43,  
94) }
```

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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