

Converting Colors

YIQ(41.5920, 10.4970, 13.5130)

Have a look what the booklet for
YIQ(41.5920, 10.4970, 13.5130)
contains.

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Color

**YIQ(41.5920, 10.4970,
13.5130)**

Conversions

Conversions Part 1

Format	Color
Hex	3C1E35
RGB	60, 30, 53
RGB Percent	24%, 12%, 21%
CMY	0.7646, 0.8824, 0.7921
CMYK	0.00, 0.50, 0.12, 0.76
HSL	314°, 33%, 18%
HSV	314°, 50%, 24%
XYZ	2.9715, 2.1463, 3.6266
YIQ	41.5920, 10.4970, 13.5130

Conversions

Conversions Part 2

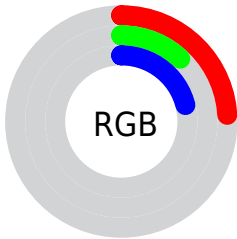
Format	Color
RYB	60, 30, 53
Decimal	3939893
CIELab	16.24, 18.56, -8.77
CIELCh	16, 20.526, 334.713
Yxy	2.1463, 0.3398, 0.2455
Android (android.graphics.Color)	4282129973 (0xFF3C1E35)
YUV	41.5920, 5.6241, 16.1438
Hunter-Lab	14.6504, 10.5664, -4.4214

Details

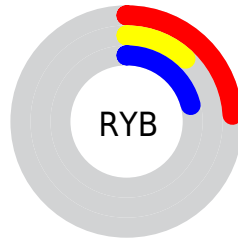
The YIQ color **41.5920, 10.4970, 13.5130** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **48.4080, -10.4970, -13.5130**, and the grayscale version is **42.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **87.7170, 11.6430, 14.7710**, and **1.5810, -0.1380, 2.5020** is the 20% darker color. If you saturate the color by 10%, you get **37.9560, 12.4680, 16.3400**, and if you desaturate by 10%, it is **45.2280, 8.5260, 10.6860**.

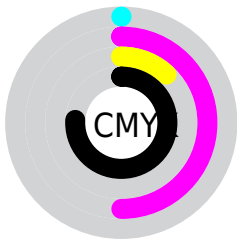
Distribution



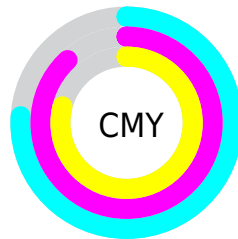
- Red (24%)
- Green (12%)
- Blue (21%)



- Red (24%)
- Yellow (12%)
- Blue (21%)



- Cyan (0%)
- Magenta (50%)
- Yellow (12%)
- Black (76%)



- Cyan (76%)
- Magenta (88%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 41.5920, 10.4970, 13.5130 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 41.5920, 10.4970, 13.5130 by changing the saturation by 10% instead.

■ 41.5920, 10.4970,
13.5130

■ 41.5920, 10.4970,
13.5130

■ 255.0000, -0.0000,
-0.0000

■ 19.7060, 10.1760,
13.8240

■ 87.7170, 11.6430,
14.7710

■ 1.5810, -0.1380,
2.5020

■ 112.4290, 12.5140,
15.5060

■ 0.0000, 0.0000,
0.0000

■ 137.7280, 13.1100,
15.7180

■ 164.1410, 13.3850,
16.2410

■ 191.5540, 13.6600,
16.7640

■ 219.2660, 14.5310,

17.4990

242.0860, 6.0500,
11.5060

41.5920, 10.4970,
13.5130

41.5920, 10.4970,
13.5130

37.9560, 12.4680,
16.3400

45.2280, 8.5260,
10.6860

34.2060, 14.7600,
18.8560

48.9780, 6.2340,
8.1700

30.5700, 16.7310,
21.6830

52.6140, 4.2630,
5.3430

26.8200, 19.0230,
24.1990

56.3640, 1.9710,
2.8270

23.1840, 20.9940,
27.0260

60.0000, -0.0000,
-0.0000

■ 63.6360, -1.9710,
-2.8270

■ 67.3860, -4.2630,
-5.3430

■ 71.0220, -6.2340,
-8.1700

■ 74.7720, -8.5260,
-10.6860

Harmonies

Analogous

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



41.5840, -4.2200, 10.4040



41.5920, 10.4970, 13.5130



40.9150, 19.7130, 11.6890

Triad

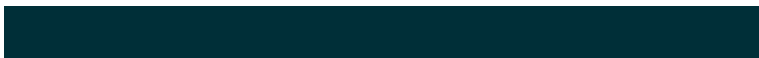
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



41.5920, 10.4970, 13.5130



38.4450, 14.4440, -8.4680



33.9730, -30.9010, -7.1650

Complementary

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



41.5920, 10.4970, 13.5130



48.4080, -10.4970, -13.5130

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.



32.9640, -26.6820, -12.0420



41.5920, 10.4970, 13.5130



36.8070, 1.5610, -11.7750

Square

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



41.5920, 10.4970, 13.5130



39.6680, 21.3660, -1.7540



33.6570, -15.6320, -14.0640



33.9390, -33.5610, -3.0090

Rectangle

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



41.5920, 10.4970, 13.5130



40.3620, 22.6480, 8.0560



33.6570, -15.6320, -14.0640



33.5170, -29.6170, -8.4090

Sweetspot

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



41.5920, 10.4970, 13.5130



71.6140, 4.2630, 5.3430



35.5130, -5.4580, 10.8140



36.0760, 2.8420, 3.5620



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.



41.5920, 10.4970, 13.5130



50.1570, 16.4560, 21.1600



39.8820, 15.3120, 8.8480



29.1250, 1.1460, 1.2580



36.3140, 32.9120, 42.3200



85.7580, 77.7420, 99.9340

Inverse Universe

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



41.5920, 10.4970, 13.5130



50.1570, 16.4560, 21.1600



50.1180, -15.3120, -8.8480



29.1250, 1.1460, 1.2580



36.3140, 32.9120, 42.3200



85.7580, 77.7420, 99.9340

Previews

White Background



This preview shows how the YIQ color 41.5920, 10.4970, 13.5130 looks on a white background.

Color Contrast Check

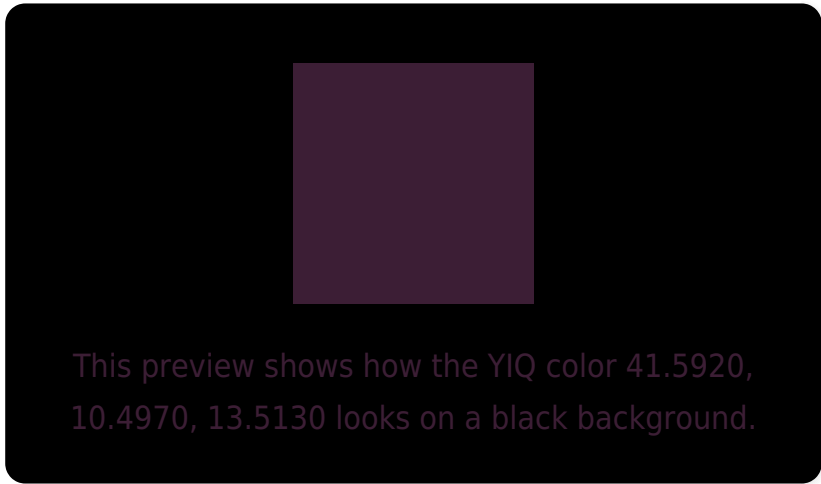
Large Text (above 18pt) WCAG AA ✓ Pass

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

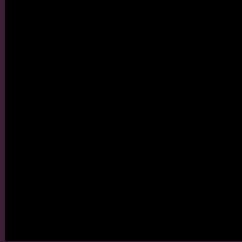
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 41.5920, 10.4970, 13.5130

Background



This preview shows how black text looks on a background with the YIQ color 41.5920, 10.4970, 13.5130.



This preview shows how white text looks on a background with the YIQ color 41.5920, 10.4970,

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

41.5920, 10.4970, 13.5130

Protanopia

40.6000, -10.3170, 5.2590

Deuteranopia

41.2540, -3.5310, 3.4210



Tritanopia

41.4040, 13.6620, 5.7100

Trichromacy



Original Color

41.5920, 10.4970, 13.5130

Protanomaly

40.6010, -2.8900, 8.3260

Deuteranomaly

41.1130, 1.4200, 7.3080

Tritanomaly

41.8000, 12.6070, 8.3110

Monochromacy



Original Color

41.5920, 10.4970, 13.5130

Achromatopsia

42.0000, -0.0000, -0.0000

Achromatomaly

42.2010, 3.9880, 4.8200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 41.5920, 10.4970, 13.5130 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(60, 30, 53)` looks like.

```
.text, #text, p{  
    color:rgb(60, 30, 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(60, 30, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 30, 53) }
```

Border

The CSS property to change the border of an element to YIQ 41.5920, 10.4970, 13.5130 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(60, 30, 53) }
```


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

```
.border{ border-color:rgb(60, 30, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 30, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 30, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 30, 53);  
box-shadow:4px 4px 4px 4px rgb(60, 30, 53)  
}
```

Background

The CSS property to change the background color of an element to YIQ 41.5920, 10.4970, 13.5130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 30, 53) }
```

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

```
.background{ background-color: rgb(60, 30,  
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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