

Converting Colors

YIQ(40.9120, -10.5950, 21.3170)

Have a look what the booklet for
YIQ(40.9120, -10.5950, 21.3170)
contains.

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Color

**YIQ(40.9120, -10.5950,
21.3170)**

Conversions

Conversions Part 1

Format	Color
Hex	2C1E59
RGB	44, 30, 89
RGB Percent	17%, 12%, 35%
CMY	0.8274, 0.8824, 0.6511
CMYK	0.51, 0.66, 0.00, 0.65
HSL	254°, 50%, 23%
HSV	254°, 66%, 35%
XYZ	3.3058, 2.1850, 9.6938
YIQ	40.9120, -10.5950, 21.3170

Conversions

Conversions Part 2

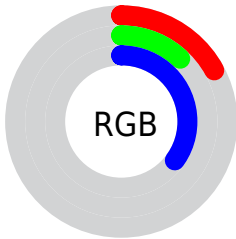
Format	Color
R_{YB}	44, 30, 89
Decimal	2891353
CIE _{Lab}	16.43, 23.43, -33.39
CIE _{LCh}	16, 40.791, 305.055
Yxy	2.1850, 0.2177, 0.1439
Android (android.graphics.Color)	4281081433 (0xFF2C1E59)
YUV	40.9120, 23.7074, 2.7082
Hunter-Lab	14.7818, 14.0520, -28.5346

Details

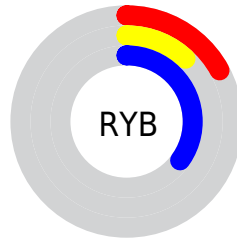
The YIQ color **40.9120, -10.5950, 21.3170** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **78.0880, 10.5950, -21.3170**, and the grayscale version is **41.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **88.0910, -9.5410, 24.2430**, and **4.9020, -13.8030, 13.3730** is the 20% darker color. If you saturate the color by 10%, you get **33.5360, -12.2920, 24.5400**, and if you desaturate by 10%, it is **48.2880, -8.8980, 18.0940**.

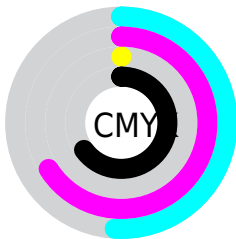
Distribution



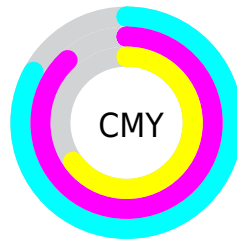
- Red (17%)
- Green (12%)
- Blue (35%)



- Red (17%)
- Yellow (12%)
- Blue (35%)



- Cyan (51%)
- Magenta (66%)
- Yellow (0%)
- Black (65%)



- Cyan (83%)
- Magenta (88%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 40.9120, -10.5950, 21.3170 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 40.9120, -10.5950, 21.3170 by changing the saturation by 10% instead.

■ 40.9120, -10.5950,
21.3170

■ 40.9120, -10.5950,
21.3170

■ 255.0000, -0.0000,
-0.0000

■ 18.3740, -12.0160,
19.5360

■ 88.0910, -9.5410,
24.2430

■ 4.9020, -13.8030,
13.3730

■ 112.9170, -8.9910,
25.2890

■ 2.9810, -7.0160,
6.0080

■ 138.5580, -9.3580,
26.4340

■ 0.0000, 0.0000,
0.0000

■ 165.0850, -9.4040,
27.2680

■ 191.9110, -8.8540,
28.3140

■ 217.5880, -0.8750,

21.3730

241.4990, 6.3250,
12.0290

40.9120, -10.5950,
21.3170

40.9120, -10.5950,
21.3170

33.5360, -12.2920,
24.5400

48.2880, -8.8980,
18.0940

26.1600, -13.9890,
27.7630

55.6640, -7.2010,
14.8710

19.0830, -15.0900,
31.1980

62.7410, -6.1000,
11.4360

16.4250, -16.0530,
32.1310

70.1170, -4.4030,
8.2130

76.9060, -2.4310,
5.5130

■ 84.2820, -0.7340,
2.2900

■ 91.3590, 0.3670,
-1.1450

■ 98.7350, 2.0640,
-4.3680

■ 106.1110, 3.7610,
-7.5910

Harmonies

Analogous

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



36.6410, -43.9250, 8.6110



40.9120, -10.5950, 21.3170



35.5420, 23.1020, 32.8780

Triad

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



40.9120, -10.5950, 21.3170



37.9530, 33.7450, -0.3270



36.2410, -29.0200, -13.7240

Complementary

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



40.9120, -10.5950, 21.3170



78.0880, 10.5950, -21.3170

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.



31.5330, -18.5190, -22.3190



40.9120, -10.5950, 21.3170



38.1200, 16.7370, -11.4790

Square

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



40.9120, -10.5950, 21.3170



31.4530, 47.4970, 14.7690



32.9600, -3.6640, -21.7120



38.9600, -38.0540, -4.1820

Rectangle

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



40.9120, -10.5950, 21.3170



31.6700, 37.3610, 33.2730



32.9600, -3.6640, -21.7120



34.5140, -25.5350, -16.3110

Sweetspot

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



40.9120, -10.5950, 21.3170



96.1170, -4.4030, 8.2130



63.1410, -31.3140, -5.1860



47.4930, -2.7060, 4.9900



186.0000, -0.0000, -0.0000



59.0000, 0.0000, -0.0000

Same Dimension

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



40.9120, -10.5950, 21.3170



40.0660, -16.4200, 33.2760



49.5830, 6.6890, 27.4650



39.7550, -0.6880, 1.4560



19.6730, -19.4470, 38.5770



43.5340, -42.0590, 84.9570

Inverse Universe

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



52.7710, 20.7190, 26.5030



58.4880, 32.3620, 41.2740



69.4170, -6.6890, -27.4650



40.5380, 1.4210, 1.7810



41.3410, 37.4500, 48.1860



90.6710, 82.6010, 105.4890

Previews

White Background



This preview shows how the YIQ color 40.9120, -10.5950, 21.3170 looks on a white background.

Color Contrast Check

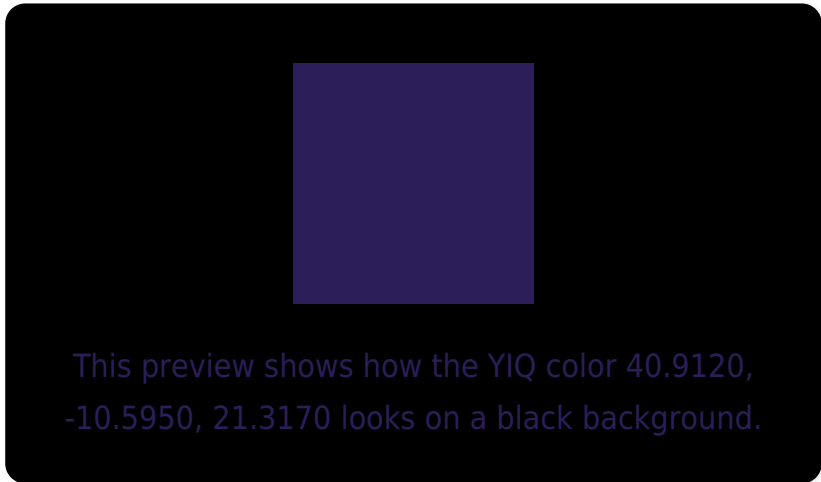
Large Text (above 18pt) WCAG AA ✓ Pass

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

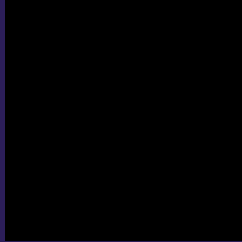
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 40.9120, -10.5950, 21.3170

Background



This preview shows how black text looks on a background with the YIQ color 40.9120, -10.5950, 21.3170.



This preview shows how white text looks on a background with the YIQ color 40.9120, -10.5950,

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

40.9120, -10.5950, 21.3170

Protanopia

33.0560, -37.9640, 5.2040

Deuteranopia

32.9760, -34.9830, 0.7370



Tritanopia

39.8680, -8.4360, -1.3000

Trichromacy



Original Color

40.9120, -10.5950, 21.3170

Protanomaly

35.7200, -27.9700, 11.3100

Deuteranomaly

36.0960, -26.2730, 8.0870

Tritanomaly

40.1380, -8.8960, 7.0400

Monochromacy



Original Color

40.9120, -10.5950, 21.3170

Achromatopsia

41.0000, 0.0000, -0.0000

Achromatomaly

40.8890, -3.7610, 7.5910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 40.9120, -10.5950, 21.3170 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(44, 30, 89)` looks like.

```
.text, #text, p{  
    color:rgb(44, 30, 89)  
}
```

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(44, 30, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 30, 89) }
```

Border

The CSS property to change the border of an element to YIQ 40.9120, -10.5950, 21.3170 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(44, 30, 89) }
```


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

```
.border{ border-color:rgb(44, 30, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 30, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 30, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 30, 89);  
box-shadow:4px 4px 4px 4px rgb(44, 30, 89)  
}
```

Background

The CSS property to change the background color of an element to YIQ 40.9120, -10.5950, 21.3170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 30, 89) }
```

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

```
.background{ background-color: rgb(44, 30,  
89) }
```

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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