

Converting Colors

YIQ(28.5920, 10.4970, 13.5130)

Have a look what the booklet for
YIQ(28.5920, 10.4970, 13.5130)
contains.

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Color

**YIQ(28.5920, 10.4970,
13.5130)**

Conversions

Conversions Part 1

Format	Color
Hex	2F1128
RGB	47, 17, 40
RGB Percent	18%, 7%, 16%
CMY	0.8156, 0.9334, 0.8431
CMYK	0.00, 0.64, 0.15, 0.82
HSL	314°, 47%, 13%
HSV	314°, 64%, 18%
XYZ	1.7567, 1.1586, 2.1391
YIQ	28.5920, 10.4970, 13.5130

Conversions

Conversions Part 2

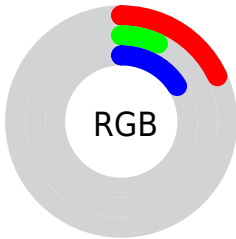
Format	Color
R_{YB}	47, 17, 40
Decimal	3084584
CIE _{Lab}	10.25, 19.06, -8.71
CIE _{LCh}	10, 20.953, 335.437
Yxy	1.1586, 0.3476, 0.2292
Android (android.graphics.Color)	4281274664 (0xFF2F1128)
YUV	28.5920, 5.6241, 16.1438
Hunter-Lab	10.7639, 10.2944, -4.2478

Details

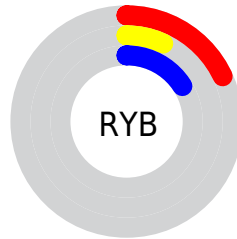
The YIQ color **28.5920, 10.4970, 13.5130** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **35.4080, -10.4970, -13.5130**, and the grayscale version is **29.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **73.6030, 11.9640, 14.4600**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **25.5430, 12.1930, 15.8170**, and if you desaturate by 10%, it is **31.6410, 8.8010, 11.2090**.

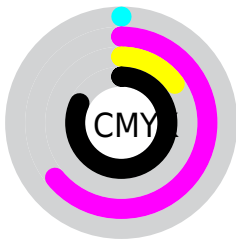
Distribution



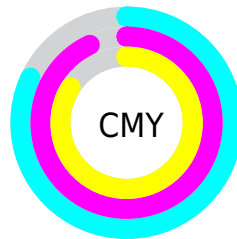
- Red (18%)
- Green (7%)
- Blue (16%)



- Red (18%)
- Yellow (7%)
- Blue (16%)



- Cyan (0%)
- Magenta (64%)
- Yellow (15%)
- Black (82%)



- Cyan (82%)
- Magenta (93%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 28.5920, 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 28.5920, 10.4970, 13.5130 by changing the saturation by 10% instead.

■ 28.5920, 10.4970,
13.5130

■ 28.5920, 10.4970,
13.5130

■ 248.5430, 3.0250,
5.7530

■ 10.9510, 10.8640,
12.3680

■ 73.6030, 11.9640,
14.4600

■ 0.0000, 0.0000,
0.0000

■ 97.3150, 12.8350,
15.1950

■ 122.7280, 13.1100,
15.7180

■ 148.4400, 13.9810,
16.4530

■ 174.8530, 14.2560,
16.9760

■ 202.5650, 15.1270,

17.7110

■ 230.2660, 14.5310,
17.4990

■ 28.5920, 10.4970,
13.5130

■ 28.5920, 10.4970,
13.5130

■ 25.5430, 12.1930,
15.8170

■ 31.6410, 8.8010,
11.2090

■ 23.0810, 13.6140,
17.5980

■ 34.1030, 7.3800,
9.4280

■ 20.0320, 15.3100,
19.9020

■ 37.1520, 5.6840,
7.1240

■ 18.1570, 16.4560,
21.1600

■ 40.2010, 3.9880,
4.8200

■ 43.2500, 2.2920,
2.5160

■ 45.8260, 0.5500,
1.0460

■ 48.8750, -1.1460,
-1.2580

■ 51.9240, -2.8420,
-3.5620

■ 54.3860, -4.2630,
-5.3430

Harmonies

Analogous

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



28.8830, -3.6240, 10.6160



28.5920, 10.4970, 13.5130



27.0290, 19.3920, 12.0000

Triad

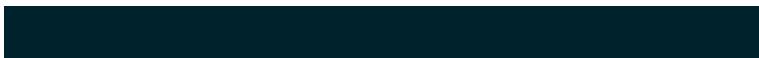
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



28.5920, 10.4970, 13.5130



26.6020, 12.5640, -7.4360



24.9740, -23.4740, -4.0980

Complementary

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



28.5920, 10.4970, 13.5130



35.4080, -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.



23.9650, -19.2550, -8.9750



28.5920, 10.4970, 13.5130



25.0630, 3.7160, -12.2840

Square

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



28.5920, 10.4970, 13.5130



26.9560, 20.4950, -2.4890



21.6680, -14.1650, -13.1170



25.5270, -26.4090, -0.4650

Rectangle

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



28.5920, 10.4970, 13.5130



27.0630, 22.0520, 7.8440



21.6680, -14.1650, -13.1170



25.1050, -22.4650, -5.8650

Sweetspot

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



28.5920, 10.4970, 13.5130



54.2010, 3.9880, 4.8200



22.5130, -5.4580, 10.8140



26.6630, 2.5670, 3.0390



158.0000, -0.0000, 0.0000



31.0000, -0.0000, -0.0000

Same Dimension

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



28.5920, 10.4970, 13.5130



32.1570, 16.4560, 21.1600



26.8820, 15.3120, 8.8480



21.7120, 0.8710, 0.7350



33.5370, 30.6660, 38.9700



82.6820, 74.9000, 96.3720

Inverse Universe

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



28.5920, 10.4970, 13.5130



32.1570, 16.4560, 21.1600



37.1180, -15.3120, -8.8480



21.7120, 0.8710, 0.7350



33.5370, 30.6660, 38.9700



82.6820, 74.9000, 96.3720

Previews

White Background



This preview shows how the YIQ color 28.5920, 10.4970, 13.5130 looks on a white background.

Color Contrast Check

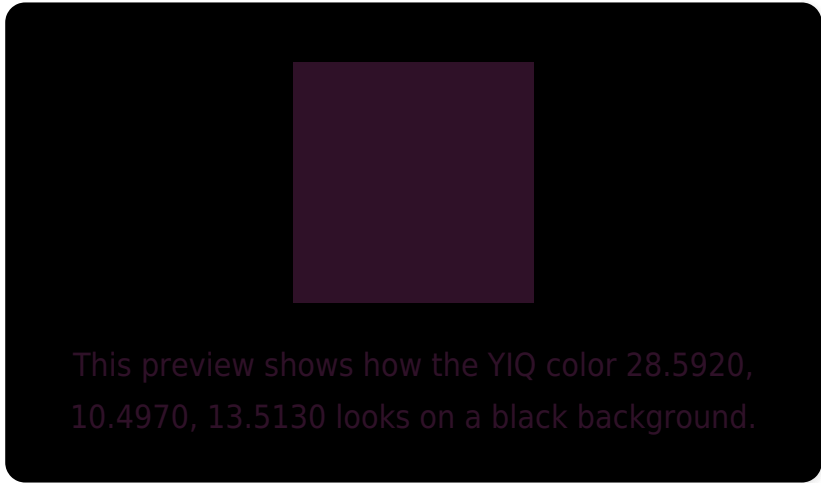
Large Text (above 18pt) WCAG AA ✓ Pass

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

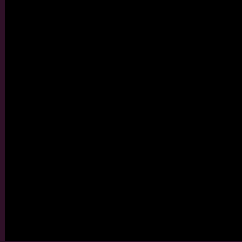
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 28.5920, 10.4970, 13.5130

Background



This preview shows how black text looks on a background with the YIQ color 28.5920, 10.4970, 13.5130.



This preview shows how white text looks on a background with the YIQ color 28.5920, 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

28.5920, 10.4970, 13.5130

Protanopia

28.0020, -11.5090, 4.8350

Deuteranopia

29.4280, -4.0810, 2.3750



Tritanopia

28.9910, 13.3870, 5.1870

Trichromacy



Original Color

28.5920, 10.4970, 13.5130

Protanomaly

28.3020, -3.4860, 8.1140

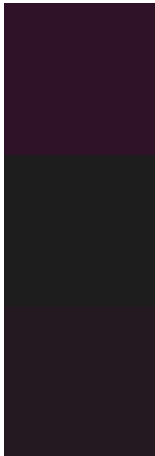
Deuteranomaly

29.2870, 0.8700, 6.2620

Tritanomaly

28.8000, 12.6070, 8.3110

Monochromacy



Original Color

28.5920, 10.4970, 13.5130

Achromatopsia

29.0000, -0.0000, 0.0000

Achromatomaly

29.2010, 3.9880, 4.8200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 28.5920, 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(47, 17, 40)` looks like.

```
.text, #text, p{  
    color:rgb(47, 17, 40)  
}
```

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(47, 17, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 17, 40) }
```

Border

The CSS property to change the border of an element to YIQ 28.5920, 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(47, 17, 40) }
```


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

```
.border{ border-color:rgb(47, 17, 40) }
```

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

Here you see how a box with a 4 pixel rgb(47, 17, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 17, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 17, 40);  
box-shadow:4px 4px 4px 4px rgb(47, 17, 40)  
}
```

Background

The CSS property to change the background color of an element to YIQ 28.5920, 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(47, 17, 40) }
```

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

```
.background{ background-color: rgb(47, 17,  
40) }
```

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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