

Converting Colors

YIQ(35.0870, 4.3090, 4.5090)

Have a look what the booklet for
YIQ(35.0870, 4.3090, 4.5090)
contains.

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Color

YIQ(35.0870, 4.3090, 4.5090)

Conversions

Conversions Part 1

Format	Color
Hex	2A1F26
RGB	42, 31, 38
RGB Percent	16%, 12%, 15%
CMY	0.8353, 0.8784, 0.8510
CMYK	0.00, 0.26, 0.10, 0.84
HSL	322°, 15%, 14%
HSV	322°, 26%, 16%
XYZ	1.7949, 1.6121, 2.0505
YIQ	35.0870, 4.3090, 4.5090

Conversions

Conversions Part 2

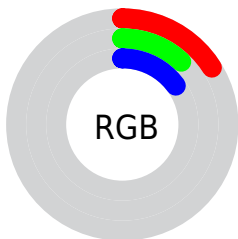
Format	Color
R_YB	42, 31, 38
Decimal	2760486
CIE Lab	13.30, 6.84, -2.69
CIE LCh	13, 7.350, 338.554
Yxy	1.6121, 0.3289, 0.2954
Android (android.graphics.Color)	4280950566 (0xFF2A1F26)
YUV	35.0870, 1.4361, 6.0627
Hunter-Lab	12.6968, 3.0148, -0.6875

Details

The YIQ color **35.0870, 4.3090, 4.5090** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **37.9130, -4.3090, -4.5090**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **79.5000, 4.5840, 5.0320**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **32.5110, 6.0510, 5.9790**, and if you desaturate by 10%, it is **37.6630, 2.5670, 3.0390**.

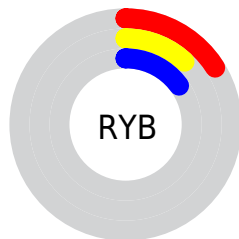
Distribution



Red (16%)

Green (12%)

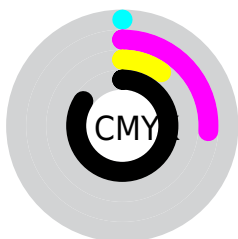
Blue (15%)



Red (16%)

Yellow (12%)

Blue (15%)

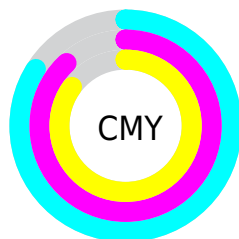


Cyan (0%)

Magenta (26%)

Yellow (10%)

Black (84%)



Cyan (84%)

Magenta (88%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 35.0870, 4.3090, 4.5090 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 35.0870, 4.3090, 4.5090 by changing the saturation by 10% instead.

■ 35.0870, 4.3090,
4.5090

■ 35.0870, 4.3090,
4.5090

■ 255.0000, -0.0000,
-0.0000

■ 12.6250, 5.7300,
6.2900

■ 79.5000, 4.5840,
5.0320

■ 0.0000, 0.0000,
0.0000

■ 103.7990, 5.1800,
5.2440

■ 128.7990, 5.1800,
5.2440

■ 154.5110, 6.0510,
5.9790

■ 181.5110, 6.0510,
5.9790

■ 209.5110, 6.0510,

5.9790

■ 237.5110, 6.0510,
5.9790

■ 35.0870, 4.3090,
4.5090

■ 35.0870, 4.3090,
4.5090

■ 32.5110, 6.0510,
5.9790

■ 37.6630, 2.5670,
3.0390

■ 30.0490, 7.4720,
7.7600

■ 40.1250, 1.1460,
1.2580

■ 26.8860, 9.4890,
9.7530

■ 43.2880, -0.8710,
-0.7350

■ 24.4240, 10.9100,
11.5340

■ 45.7500, -2.2920,
-2.5160

■ 21.8480, 12.6520,
13.0040

■ 48.3260, -4.0340,
-3.9860

■ 19.3860, 14.0730,
14.7850

■ 50.7880, -5.4550,
-5.7670

■ 16.8100, 15.8150,
16.2550

■ 53.3640, -7.1970,
-7.2370

■ 15.6360, 16.3650,
17.3010

■ 56.4130, -8.8930,
-9.5410

■ 58.9890, -10.6350,
-11.0110

Harmonies

Analogous

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



34.6350, -0.2300, 4.1700



35.0870, 4.3090, 4.5090



35.4140, 7.7020, 3.5900

Triad

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



35.0870, 4.3090, 4.5090



33.7570, 4.9980, -2.4740



32.2590, -11.0950, -2.6710

Complementary

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



35.0870, 4.3090, 4.5090



37.9130, -4.3090, -4.5090

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.



31.9880, -8.8940, -4.0140



35.0870, 4.3090, 4.5090



33.3650, 0.2300, -4.1700

Square

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



35.0870, 4.3090, 4.5090



34.4800, 7.3360, -0.7920



32.6140, -4.9050, -4.7210



33.2100, -9.3990, -0.3670

Rectangle

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



35.0870, 4.3090, 4.5090



35.0720, 8.6650, 2.6570



32.6140, -4.9050, -4.7210



32.1450, -10.7740, -2.9820

Sweetspot

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



35.0870, 4.3090, 4.5090



50.8370, 2.0170, 1.9930



33.4500, -1.1470, 4.2690



26.1250, 1.1460, 1.2580



156.0000, -0.0000, -0.0000



28.0000, -0.0000, 0.0000

Same Dimension

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



35.0870, 4.3090, 4.5090



43.3370, 6.6010, 7.0250



34.5170, 5.9140, 2.9540



18.8260, 0.5500, 1.0460



31.2720, 32.7300, 34.6020



78.7780, 83.0170, 86.9290

Inverse Universe

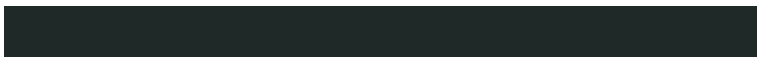
The Inverse Universe completely reimagines the original color for something new.



35.0870, 4.3090, 4.5090



43.3370, 6.6010, 7.0250



38.4830, -5.9140, -2.9540



18.8260, 0.5500, 1.0460



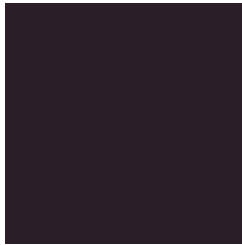
31.2720, 32.7300, 34.6020



78.7780, 83.0170, 86.9290

Previews

White Background



This preview shows how the YIQ color 35.0870, 4.3090, 4.5090 looks on a white background.

Color Contrast Check

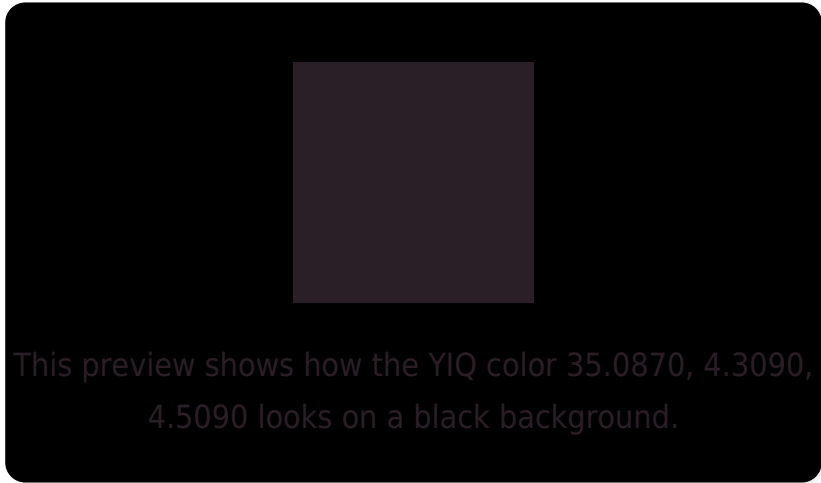
Large Text (above 18pt) WCAG AA ✓ Pass

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

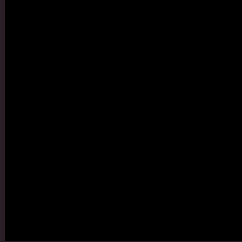
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 35.0870, 4.3090, 4.5090

Background



This preview shows how black text looks on a background with the YIQ color 35.0870, 4.3090, 4.5090.

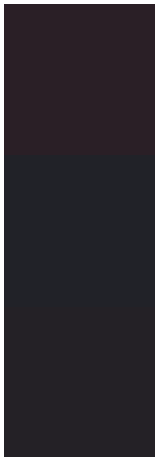


This preview shows how white text looks on a background with the YIQ color 35.0870, 4.3090, 4.5090.

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

35.0870, 4.3090, 4.5090

Protanopia

34.3850, -2.5220, 1.6540

Deuteranopia

34.4670, 0.1830, 2.1910



Tritanopia

35.2180, 5.3180, 2.7420

Trichromacy



Original Color

35.0870, 4.3090, 4.5090

Protanomaly

34.5810, -0.1380, 2.5020

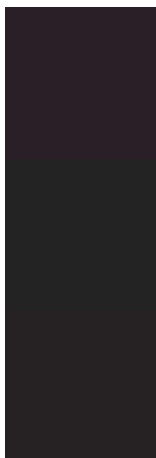
Deuteranomaly

34.4780, 1.6500, 3.1380

Tritanomaly

35.3320, 4.9970, 3.0530

Monochromacy



Original Color

35.0870, 4.3090, 4.5090

Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

35.4240, 1.7420, 1.4700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 35.0870, 4.3090, 4.5090 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(42, 31, 38)` looks like.

```
.text, #text, p{  
    color:rgb(42, 31, 38)  
}
```

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(42, 31, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 31, 38) }
```

Border

The CSS property to change the border of an element to YIQ 35.0870, 4.3090, 4.5090 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(42, 31, 38) }
```

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

```
.border{ border-color:rgb(42, 31, 38) }
```

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

Here you see how a box with a 4 pixel rgb(42, 31, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 31, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 31, 38);  
box-shadow:4px 4px 4px 4px rgb(42, 31, 38)  
}
```


Background

The CSS property to change the background color of an element to YIQ 35.0870, 4.3090, 4.5090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 31, 38) }
```

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

```
.background{ background-color: rgb(42, 31,  
38) }
```

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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