

Converting Colors

YIQ(43.9370, 4.3110, -6.5450)

Have a look what the booklet for
YIQ(43.9370, 4.3110, -6.5450)
contains.

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Color

**YIQ(43.9370, 4.3110,
-6.5450)**

Conversions

Conversions Part 1

Format	Color
Hex	2C2F1C
RGB	44, 47, 28
RGB Percent	17%, 18%, 11%
CMY	0.8275, 0.8157, 0.8902
CMYK	0.06, 0.00, 0.40, 0.82
HSL	69°, 25%, 15%
HSV	70°, 40%, 18%
XYZ	2.2648, 2.6524, 1.4917
YIQ	43.9370, 4.3110, -6.5450

Conversions

Conversions Part 2

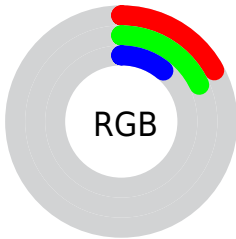
Format	Color
RYB	28, 47, 31
Decimal	2895644
CIELab	18.59, -5.23, 11.79
CIElCh	19, 12.898, 113.938
Yxy	2.6524, 0.3534, 0.4139
Android (android.graphics.Color)	4281085724 (0xFF2C2F1C)
YUV	43.9370, -7.8569, 0.0553
Hunter-Lab	16.2861, -3.6783, 5.9697

Details

The YIQ color **43.9370, 4.3110, -6.5450** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **31.0630, -4.3110, 6.5450**, and the grayscale version is **44.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **89.7090, 4.9530, -7.1670**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **43.0680, 5.3200, -8.3120**, and if you desaturate by 10%, it is **44.8060, 3.3020, -4.7780**.

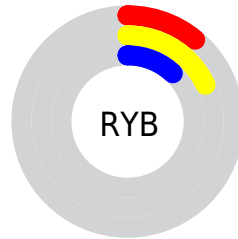
Distribution



Red (17%)

Green (18%)

Blue (11%)



Red (11%)

Yellow (18%)

Blue (12%)

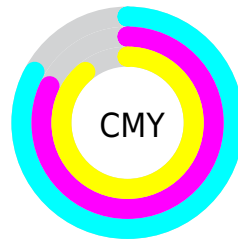


Cyan (6%)

Magenta (0%)

Yellow (40%)

Black (82%)



Cyan (83%)

Magenta (82%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 43.9370, 4.3110, -6.5450 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 43.9370, 4.3110, -6.5450 by changing the saturation by 10% instead.

■ 43.9370, 4.3110,
-6.5450

■ 43.9370, 4.3110,
-6.5450

■ 255.0000, -0.0000,
-0.0000

■ 22.9650, 7.1080,
-7.6760

■ 89.7090, 4.9530,
-7.1670

■ 0.0000, 0.0000,
0.0000

■ 113.8940, 5.8700,
-7.2660

■ 139.4810, 5.5950,
-7.7890

■ 165.7800, 6.1910,
-7.5770

■ 193.3670, 5.9160,
-8.1000

■ 221.2530, 6.2370,

-8.4110

249.2530, 6.2370,
-8.4110

43.9370, 4.3110,
-6.5450

43.9370, 4.3110,
-6.5450

43.0680, 5.3200,
-8.3120

44.8060, 3.3020,
-4.7780

42.6120, 6.6040,
-9.5560

45.2620, 2.0180,
-3.5340

41.7430, 7.6130,
-11.3230

46.1310, 1.0090,
-1.7670

40.8740, 8.6220,
-13.0900

47.0000, 0.0000,
0.0000

40.1190, 9.3100,
-14.5460

47.8690, -1.0090,
1.7670

■ 39.5490, 10.9150,
-16.1010

■ 48.3250, -2.2930,
3.0110

■ 49.1940, -3.3020,
4.7780

■ 50.0630, -4.3110,
6.5450

■ 50.8180, -4.9990,
8.0010

Harmonies

Analogous

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



44.7530, 10.8210, -3.3790



43.9370, 4.3110, -6.5450



42.5060, -4.7210, -8.0570

Triad

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



43.9370, 4.3110, -6.5450



40.6860, -22.6030, -3.3630



46.3160, 11.0940, 8.1980

Complementary

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



43.9370, 4.3110, -6.5450



31.0630, -4.3110, 6.5450

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.



46.3090, 3.8040, 8.1560



43.9370, 4.3110, -6.5450



43.8550, -15.5890, 1.6830

Square

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



43.9370, 4.3110, -6.5450



39.5780, -22.4190, -6.6990



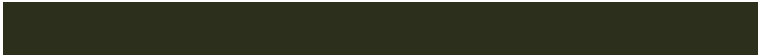
46.0520, -5.7780, 5.5980



46.3610, 15.2210, 4.9890

Rectangle

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



43.9370, 4.3110, -6.5450



41.6840, -11.0940, -8.1980



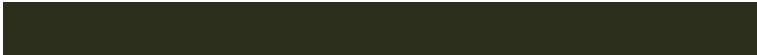
46.0520, -5.7780, 5.5980



46.6470, 8.6640, 8.1840

Sweetspot

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



43.9370, 4.3110, -6.5450



59.9030, 1.6510, -2.3890



35.4420, 10.4990, 2.4590



30.1310, 1.0090, -1.7670



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.



43.9370, 4.3110, -6.5450



56.4980, 6.9250, -9.8670



41.2460, -1.0530, -8.4530



22.7720, 0.6420, -0.6220



72.8960, 19.5830, -30.0250



179.4380, 48.4300, -73.7620

Inverse Universe

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



31.0630, -4.3110, 6.5450



36.5020, -6.9250, 9.8670



33.7540, 1.0530, 8.4530



21.2280, -0.6420, 0.6220



14.1040, -19.5830, 30.0250



34.5620, -48.4300, 73.7620

Previews

White Background



This preview shows how the YIQ color 43.9370, 4.3110, -6.5450 looks on a white background.

Color Contrast Check

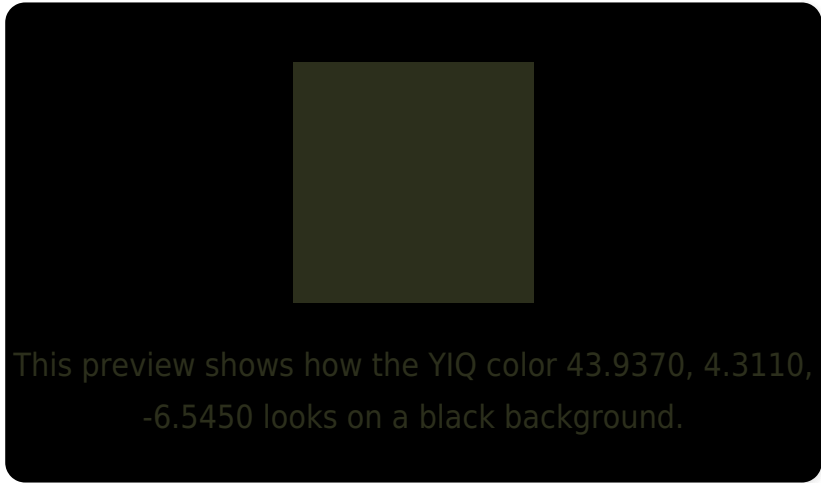
Large Text (above 18pt) WCAG AA ✓ Pass

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

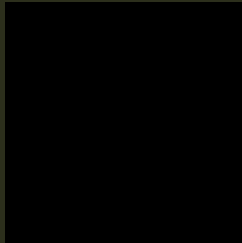
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

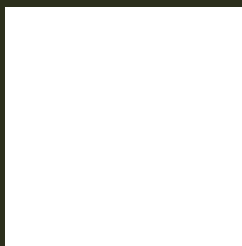
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 43.9370, 4.3110, -6.5450

Background



This preview shows how black text looks on a background with the YIQ color 43.9370, 4.3110, -6.5450.



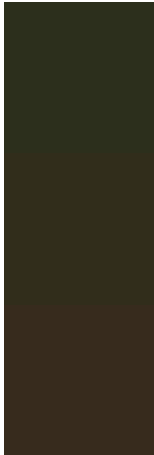
This preview shows how white text looks on a background with the YIQ color 43.9370, 4.3110,

-6.5450.

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

43.9370, 4.3110, -6.5450

Protanopia

44.1440, 8.1620, -4.7500

Deuteranopia

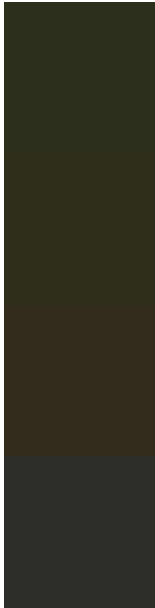
44.9920, 11.6460, -1.8100



Tritanopia

45.6410, -0.3670, 1.1450

Trichromacy



Original Color

43.9370, 4.3110, -6.5450

Protanomaly

44.1330, 6.6950, -5.6970

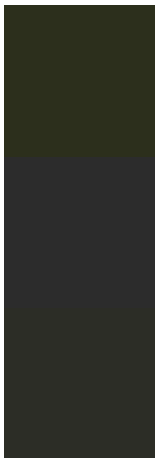
Deuteranomaly

44.3830, 8.9870, -3.1810

Tritanomaly

45.1310, 1.0090, -1.7670

Monochromacy



Original Color

43.9370, 4.3110, -6.5450

Achromatopsia

44.0000, -0.0000, -0.0000

Achromatomaly

43.9030, 1.6510, -2.3890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 43.9370, 4.3110, -6.5450 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, 47, 28)` looks like.

```
.text, #text, p{  
    color:rgb(44, 47, 28)  
}
```

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, 47, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 47, 28) }
```

Border

The CSS property to change the border of an element to YIQ 43.9370, 4.3110, -6.5450 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, 47, 28) }
```


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

```
.border{ border-color:rgb(44, 47, 28) }
```

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

Here you see how a box with a 4 pixel rgb(44, 47, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 47, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 47, 28);  
box-shadow:4px 4px 4px 4px rgb(44, 47, 28)  
}
```

Background

The CSS property to change the background color of an element to YIQ 43.9370, 4.3110, -6.5450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 47, 28) }
```

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

```
.background{ background-color: rgb(44, 47,  
28) }
```

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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