

Converting Colors

YIQ(43.2110, 7.1960, 12.7640)

Have a look what the booklet for
YIQ(43.2110, 7.1960, 12.7640)
contains.

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Color

**YIQ(43.2110, 7.1960,
12.7640)**

Conversions

Conversions Part 1

Format	Color
Hex	3A2139
RGB	58, 33, 57
RGB Percent	23%, 13%, 22%
CMY	0.7725, 0.8706, 0.7765
CMYK	0.00, 0.43, 0.02, 0.77
HSL	302°, 28%, 18%
HSV	302°, 43%, 23%
XYZ	3.0282, 2.2827, 4.1522
YIQ	43.2110, 7.1960, 12.7640

Conversions

Conversions Part 2

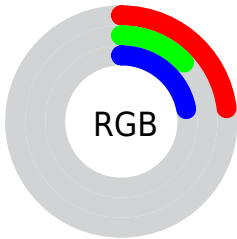
Format	Color
R_YB	58, 33, 57
Decimal	3809593
CIE Lab	16.91, 16.67, -10.58
CIE LCh	17, 19.749, 327.590
Yxy	2.2827, 0.3200, 0.2412
Android (android.graphics.Color)	4281999673 (0xFF3A2139)
YUV	43.2110, 6.7980, 12.9700
Hunter-Lab	15.1085, 9.3365, -5.7185

Details

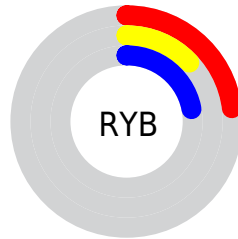
The YIQ color **43.2110, 7.1960, 12.7640** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **47.7890, -7.1960, -12.7640**, and the grayscale version is **43.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **89.3360, 8.3420, 14.0220**, and **2.3790, -2.3850, 4.6790** is the 20% darker color. If you saturate the color by 10%, you get **39.6890, 8.8460, 15.9020**, and if you desaturate by 10%, it is **46.7330, 5.5460, 9.6260**.

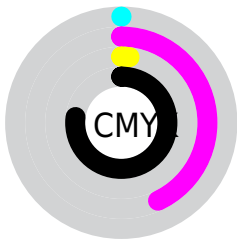
Distribution



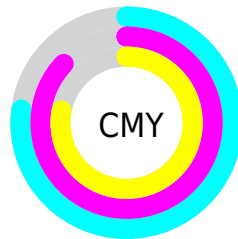
- Red (23%)
- Green (13%)
- Blue (22%)



- Red (23%)
- Yellow (13%)
- Blue (22%)



- Cyan (0%)
- Magenta (43%)
- Yellow (2%)
- Black (77%)



- Cyan (77%)
- Magenta (87%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 43.2110, 7.1960, 12.7640 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 43.2110, 7.1960, 12.7640 by changing the saturation by 10% instead.

■ 43.2110, 7.1960,
12.7640

■ 43.2110, 7.1960,
12.7640

■ 255.0000, -0.0000,
-0.0000

■ 21.7980, 6.9210,
12.2410

■ 89.3360, 8.3420,
14.0220

■ 2.3790, -2.3850,
4.6790

■ 113.7490, 8.6170,
14.5450

■ 0.0000, 0.0000,
0.0000

■ 139.4610, 9.4880,
15.2800


■ 165.8740, 9.7630,
15.8030


■ 192.9880, 9.4420,
16.1140

■ 221.2870, 10.0380,

16.3260


 243.8470, 5.2250,
9.9370


 43.2110, 7.1960,
12.7640


 43.2110, 7.1960,
12.7640


 39.6890, 8.8460,
15.9020


 46.7330, 5.5460,
9.6260

 36.1670, 10.4960,
19.0400


 50.2550, 3.8960,
6.4880


 33.1180, 12.1920,
21.3440

 53.3040, 2.2000,
4.1840

 29.5960, 13.8420,
24.4820

 56.8260, 0.5500,
1.0460

 26.0740, 15.4920,
27.6200

 60.3480, -1.1000,
-2.0920

■ 23.7260, 16.5920,
29.7120

■ 63.8700, -2.7500,
-5.2300

■ 67.5060, -4.7210,
-8.0570

■ 70.4410, -6.0960,
-10.6720

■ 73.9630, -7.7460,
-13.8100

Harmonies

Analogous

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



42.2030, -7.5210, 9.6550



43.2110, 7.1960, 12.7640



42.5450, 17.8790, 11.8870

Triad

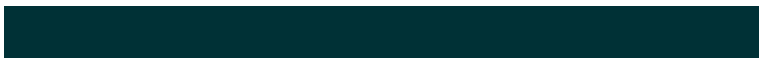
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



43.2110, 7.1960, 12.7640



40.6840, 15.2690, -6.8990



34.9190, -30.8090, -8.8330

Complementary

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



43.2110, 7.1960, 12.7640



47.7890, -7.1960, -12.7640

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.



33.3230, -26.3150, -13.1870



43.2110, 7.1960, 12.7640



39.1880, 4.8620, -11.0260

Square

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



43.2110, 7.1960, 12.7640



41.1350, 21.5490, 0.4370



36.2340, -9.9470, -12.4670



34.9990, -33.7900, -4.3660

Rectangle

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



43.2110, 7.1960, 12.7640



41.8180, 21.3640, 9.3000



36.2340, -9.9470, -12.4670



34.4630, -29.5250, -10.0770

Sweetspot

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



43.2110, 7.1960, 12.7640



71.0160, 3.0710, 4.9190



36.1490, -7.4290, 7.9870



34.4780, 1.6500, 3.1380



166.0000, -0.0000, 0.0000



38.0000, -0.0000, -0.0000

Same Dimension

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



43.2110, 7.1960, 12.7640



53.2920, 11.6420, 20.2980



41.8430, 11.0480, 9.0320



26.2390, 0.8250, 1.5690



37.5400, 26.5840, 46.8720



89.4210, 63.1140, 111.7380

Inverse Universe

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



43.2110, 7.1960, 12.7640



53.2920, 11.6420, 20.2980



49.1570, -11.0480, -9.0320



26.2390, 0.8250, 1.5690



37.5400, 26.5840, 46.8720



89.4210, 63.1140, 111.7380

Previews

White Background



This preview shows how the YIQ color 43.2110, 7.1960, 12.7640 looks on a white background.

Color Contrast Check

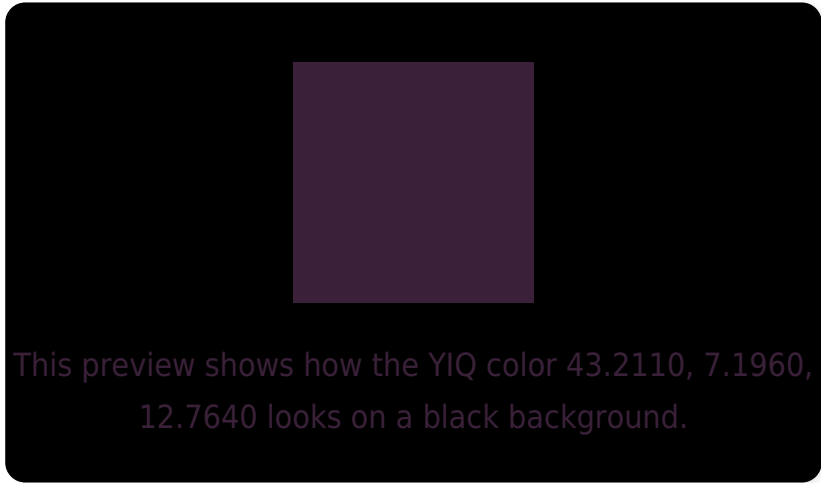
Large Text (above 18pt) WCAG AA ✓ Pass

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

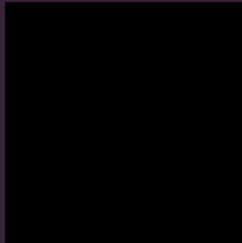
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 43.2110, 7.1960, 12.7640

Background



This preview shows how black text looks on a background with the YIQ color 43.2110, 7.1960, 12.7640.



This preview shows how white text looks on a background with the YIQ color 43.2110, 7.1960,

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

43.2110, 7.1960, 12.7640

Protanopia

41.5290, -11.5550, 5.6690

Deuteranopia

41.9980, -5.6860, 3.9300



Tritanopia

43.0230, 10.3610, 4.9610

Trichromacy



Original Color

43.2110, 7.1960, 12.7640

Protanomaly

42.1170, -4.4030, 8.2130

Deuteranomaly

42.4440, -1.0100, 7.2940

Tritanomaly

43.4190, 9.3060, 7.5620

Monochromacy



Original Color

43.2110, 7.1960, 12.7640

Achromatopsia

43.0000, -0.0000, -0.0000

Achromatomaly

42.7170, 2.4750, 4.7070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 43.2110, 7.1960, 12.7640 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(58, 33, 57)` looks like.

```
.text, #text, p{  
    color:rgb(58, 33, 57)  
}
```

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(58, 33, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 33, 57) }
```

Border

The CSS property to change the border of an element to YIQ 43.2110, 7.1960, 12.7640 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(58, 33, 57) }
```


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

```
.border{ border-color:rgb(58, 33, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 33, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 33, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 33, 57);  
box-shadow:4px 4px 4px 4px rgb(58, 33, 57)  
}
```

Background

The CSS property to change the background color of an element to YIQ 43.2110, 7.1960, 12.7640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 33, 57) }
```

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

```
.background{ background-color: rgb(58, 33,  
57) }
```

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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