

Converting Colors

YIQ(43.2790, -4.6790, 13.2170)

Have a look what the booklet for
YIQ(43.2790, -4.6790, 13.2170)
contains.

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Color

**YIQ(43.2790, -4.6790,
13.2170)**

Conversions

Conversions Part 1

Format	Color
Hex	2F2447
RGB	47, 36, 71
RGB Percent	18%, 14%, 28%
CMY	0.8156, 0.8588, 0.7216
CMYK	0.34, 0.49, 0.00, 0.72
HSL	259°, 33%, 21%
HSV	259°, 49%, 28%
XYZ	2.9405, 2.3209, 6.2523
YIQ	43.2790, -4.6790, 13.2170

Conversions

Conversions Part 2

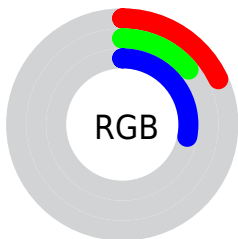
Format	Color
R_{YB}	47, 36, 71
Decimal	3089479
CIE _{Lab}	17.09, 14.34, -20.11
CIE _{LCh}	17, 24.700, 305.494
Yxy	2.3209, 0.2554, 0.2016
Android (android.graphics.Color)	4281279559 (0xFF2F2447)
YUV	43.2790, 13.6665, 3.2633
Hunter-Lab	15.2345, 7.7937, -13.6687

Details


The YIQ color **43.2790, -4.6790, 13.2170** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **63.7210, 4.6790, -13.2170**, and the grayscale version is **43.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **89.3330, -4.7710, 14.8850**, and **3.0780, -8.6670, 8.3970** is the 20% darker color. If you saturate the color by 10%, you get **37.6750, -5.7340, 15.8180**, and if you desaturate by 10%, it is **48.8830, -3.6240, 10.6160**.

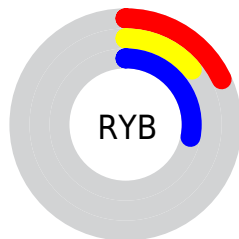
Distribution



 Red (18%)

 Green (14%)

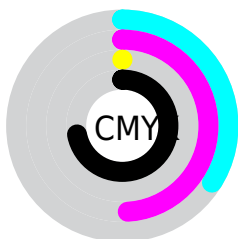
 Blue (28%)





 Red (18%)

 Yellow (14%)

 Blue (28%)

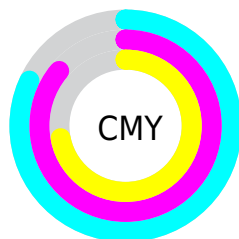


 Cyan (34%)


 Magenta (49%)

 Yellow (0%)

 Black (72%)



 Cyan (82%)

 Magenta (86%)

 Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 43.2790, -4.6790, 13.2170 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 43.2790, -4.6790, 13.2170 by changing the saturation by 10% instead.

■ 43.2790, -4.6790,
13.2170

■ 43.2790, -4.6790,
13.2170

■ 255.0000, -0.0000,
-0.0000

■ 22.3390, -4.9080,
11.8600

■ 89.3330, -4.7710,
14.8850

■ 3.0780, -8.6670,
8.3970

■ 113.7460, -4.4960,
15.4080

■ 0.0000, 0.0000,
0.0000

■ 139.2730, -4.5420,
16.2420

■ 165.6860, -4.2670,
16.7650

■ 193.2130, -4.3130,
17.5990

■ 221.0990, -3.9920,

17.2880

245.6080, 4.4000,
8.3680

43.2790, -4.6790,
13.2170

43.2790, -4.6790,
13.2170

37.6750, -5.7340,
15.8180

48.8830, -3.6240,
10.6160

32.0710, -6.7890,
18.4190

54.4870, -2.5690,
8.0150

26.4670, -7.8440,
21.0200

60.0910, -1.5140,
5.4140

21.1620, -8.3030,
23.8330

65.3960, -1.0550,
2.6010

15.5580, -9.3580,
26.4340

71.0000, -0.0000,
-0.0000

■ 14.6720, -9.6790,
26.7450

■ 77.1910, 0.7800,
-3.1240

■ 82.7950, 1.8350,
-5.7250

■ 88.3990, 2.8900,
-8.3260

■ 94.0030, 3.9450,
-10.9270

Harmonies

Analogous

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



36.4110, -31.7740, 3.1540



43.2790, -4.6790, 13.2170



43.2550, 13.0640, 16.5520

Triad

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



43.2790, -4.6790, 13.2170



40.6530, 25.7220, -3.6060



35.0670, -28.4700, -12.6780

Complementary

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



43.2790, -4.6790, 13.2170



63.7210, 4.6790, -13.2170

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.



32.4280, -22.4170, -17.7530



43.2790, -4.6790, 13.2170



39.3050, 17.6540, -11.5780

Square

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



43.2790, -4.6790, 13.2170



41.1730, 27.5540, 7.2500



37.6990, 1.7450, -15.1110



36.4180, -33.6520, -6.8680

Rectangle

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



43.2790, -4.6790, 13.2170



41.9200, 21.3170, 15.6610



37.6990, 1.7450, -15.1110



33.7960, -26.2690, -14.0210

Sweetspot

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



43.2790, -4.6790, 13.2170



80.7920, -2.1100, 5.2020



54.0780, -17.8350, -1.6670



39.5100, -1.3760, 2.9120



173.0000, -0.0000, 0.0000



46.0000, 0.0000, -0.0000

Same Dimension

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



43.2790, -4.6790, 13.2170



49.2390, -7.2020, 20.3980



48.3620, 5.4530, 16.8210



32.7550, -0.6880, 1.4560



20.5550, -13.3030, 37.3610



47.1070, -30.5510, 85.6490

Inverse Universe

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



49.2010, 13.1560, 14.8840



58.3640, 20.3070, 22.9550



58.6380, -5.4530, -16.8210



33.5380, 1.4210, 1.7810



37.3530, 37.1760, 42.1360



85.5430, 85.5370, 96.3290

Previews

White Background



This preview shows how the YIQ color 43.2790, -4.6790, 13.2170 looks on a white background.

Color Contrast Check

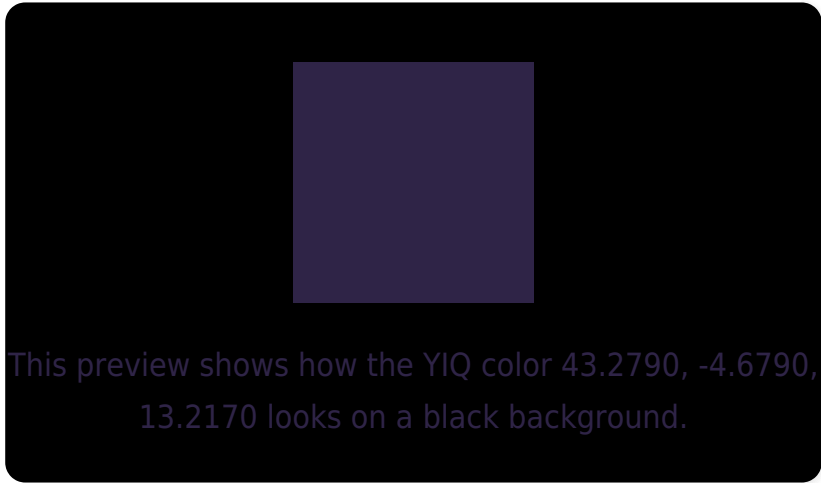
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.2790, -4.6790, 13.2170

Background



This preview shows how black text looks on a background with the YIQ color 43.2790, -4.6790, 13.2170.



This preview shows how white text looks on a background with the YIQ color 43.2790, -4.6790,

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

43.2790, -4.6790, 13.2170

Protanopia

40.5050, -20.1750, 7.7050

Deuteranopia

40.6960, -19.3950, 4.5810



Tritanopia

42.3420, -0.9630, 0.9330

Trichromacy



Original Color

43.2790, -4.6790, 13.2170

Protanomaly

41.4950, -14.2150, 9.8250

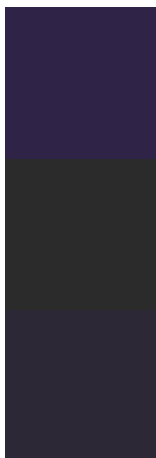
Deuteranomaly

41.3270, -13.8020, 7.8460

Tritanomaly

42.7920, -2.1100, 5.2020

Monochromacy



Original Color

43.2790, -4.6790, 13.2170

Achromatopsia

43.0000, -0.0000, -0.0000

Achromatomaly

42.6780, -1.7890, 4.8910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 43.2790, -4.6790, 13.2170 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, 36, 71)` looks like.

```
.text, #text, p{  
    color:rgb(47, 36, 71)  
}
```

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, 36, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 36, 71) }
```

Border

The CSS property to change the border of an element to YIQ 43.2790, -4.6790, 13.2170 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, 36, 71) }
```


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

```
.border{ border-color:rgb(47, 36, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 36, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 36, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 36, 71);  
box-shadow:4px 4px 4px 4px rgb(47, 36, 71)  
}
```

Background

The CSS property to change the background color of an element to YIQ 43.2790, -4.6790, 13.2170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 36, 71) }
```

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

```
.background{ background-color: rgb(47, 36,  
71) }
```

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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