

Converting Colors

YIQ(55.0790, 15.9550, 2.6990)

Have a look what the booklet for
YIQ(55.0790, 15.9550, 2.6990)
contains.

YIQ(55.0790, 15.9550, 2.6990)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(55.0790, 15.9550,
2.6990)**

Conversions

Conversions Part 1

Format	Color
Hex	48312A
RGB	72, 49, 42
RGB Percent	28%, 19%, 16%
CMY	0.7176, 0.8079, 0.8352
CMYK	0.00, 0.32, 0.42, 0.72
HSL	14°, 26%, 22%
HSV	14°, 42%, 28%
XYZ	4.1896, 3.7413, 2.6935
YIQ	55.0790, 15.9550, 2.6990

Conversions

Conversions Part 2

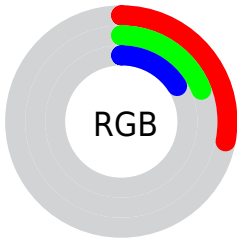
Format	Color
RYB	72, 51, 42
Decimal	4731178
CIELab	22.80, 9.39, 8.62
CIElCh	23, 12.748, 42.529
Yxy	3.7413, 0.3943, 0.3521
Android (android.graphics.Color)	4282921258 (0xFF48312A)
YUV	55.0790, -6.4479, 14.8397
Hunter-Lab	19.3425, 4.8138, 5.2835

Details

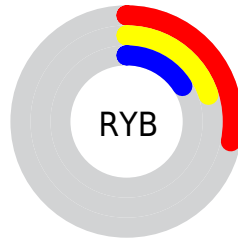
The YIQ color **55.0790, 15.9550, 2.6990** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **58.9210, -15.9550, -2.6990**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.1610, 18.6600, 3.2360**, and **9.8450, 16.7340, 5.1020** is the 20% darker color. If you saturate the color by 10%, you get **50.7590, 19.8520, 3.6600**, and if you desaturate by 10%, it is **59.3990, 12.0580, 1.7380**.

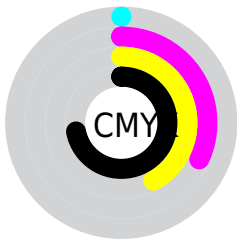
Distribution



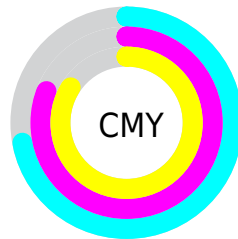
- Red (28%)
- Green (19%)
- Blue (16%)



- Red (28%)
- Yellow (20%)
- Blue (16%)



- Cyan (0%)
- Magenta (32%)
- Yellow (42%)
- Black (72%)



- Cyan (72%)
- Magenta (81%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 55.0790, 15.9550, 2.6990 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 55.0790, 15.9550, 2.6990 by changing the saturation by 10% instead.

■ 55.0790, 15.9550,
2.6990

■ 55.0790, 15.9550,
2.6990

■ 255.0000, -0.0000,
-0.0000

■ 33.5950, 14.4420,
2.5860

■ 102.1610, 18.6600,
3.2360

■ 9.8450, 16.7340,
5.1020

■ 127.4600, 19.2560,
3.4480

■ 0.0000, 0.0000,
0.0000

■ 153.6450, 20.1730,
3.3490

■ 179.9440, 20.7690,
3.5610

■ 207.8300, 21.0900,
3.2500

■ 234.9330, 19.3020,

2.6140

■ 254.0880, 2.5680,
-2.4880

■ 55.0790, 15.9550,
2.6990

■ 55.0790, 15.9550,
2.6990

■ 50.7590, 19.8520,
3.6600

■ 59.3990, 12.0580,
1.7380

■ 47.0260, 23.4740,
4.0980

■ 63.1320, 8.4360,
1.3000

■ 42.5920, 27.6920,
4.7480

■ 67.5660, 4.2180,
0.6500

■ 38.8590, 31.3140,
5.1860

■ 71.2990, 0.5960,
0.2120

■ 34.5390, 35.2110,
6.1470

■ 75.6190, -3.3010,
-0.7490

■ 31.5070, 38.2370,
6.3730

■ 79.3520, -6.9230,
-1.1870

■ 83.6720, -10.8200,
-2.1480

■ 87.5190, -14.7630,
-2.2750

■ 91.8390, -18.6600,
-3.2360

Harmonies

Analogous

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



55.2300, 14.2120, 6.7560



55.0790, 15.9550, 2.6990



54.4760, 13.1590, -1.6970

Triad

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



55.0790, 15.9550, 2.6990



50.8690, -10.1770, -8.2970



54.3720, -9.6750, 4.6370

Complementary

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



55.0790, 15.9550, 2.6990



58.9210, -15.9550, -2.6990

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.



52.1320, -17.9270, 0.0010



55.0790, 15.9550, 2.6990



49.9050, -19.0260, -7.6180

Square

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



55.0790, 15.9550, 2.6990



52.6590, -0.7780, -7.9300



50.0450, -22.2360, -4.5080



55.9280, 0.5030, 7.4070

Rectangle

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



55.0790, 15.9550, 2.6990



53.6280, 9.6750, -4.6370



50.0450, -22.2360, -4.5080



53.4640, -12.9300, 3.0540

Sweetspot

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



55.0790, 15.9550, 2.6990



88.0500, 5.7310, 0.7630



53.7060, 10.1760, 13.8240



44.3810, 3.3010, 0.7490



176.0000, -0.0000, -0.0000



48.0000, -0.0000, 0.0000

Same Dimension

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



55.0790, 15.9550, 2.6990



67.5100, 24.9870, 4.2110



63.8840, 11.8300, -5.1460



33.7830, 2.1090, 0.3250



43.1020, 52.6790, 8.9590



98.9840, 120.7170, 20.4050

Inverse Universe

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



58.9210, -15.9550, -2.6990



73.4900, -24.9870, -4.2110



50.7030, -12.1050, 4.6230



34.2170, -2.1090, -0.3250



55.8980, -52.6790, -8.9590



128.0160, -120.7170, -20.4050

Previews

White Background



This preview shows how the YIQ color 55.0790, 15.9550, 2.6990 looks on a white background.

Color Contrast Check

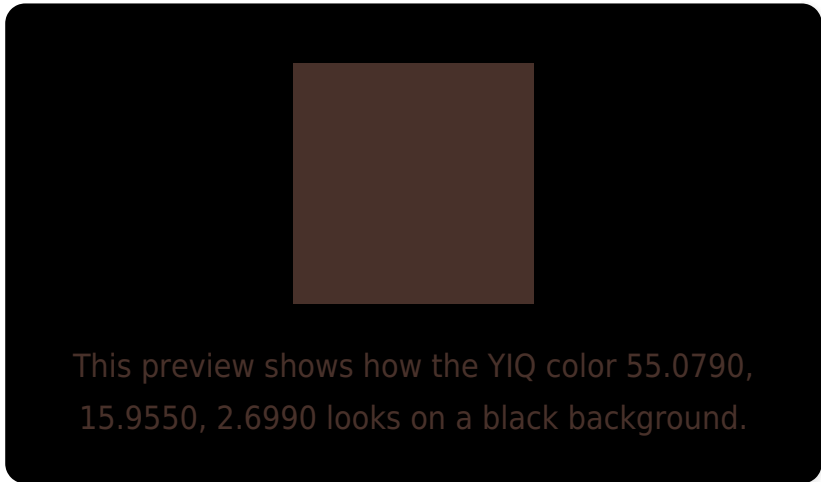
Large Text (above 18pt) WCAG AA ✓ Pass

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

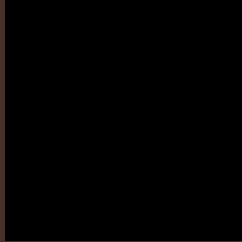
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 55.0790, 15.9550, 2.6990

Background



This preview shows how black text looks on a background with the YIQ color 55.0790, 15.9550, 2.6990.

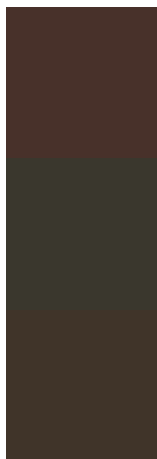


This preview shows how white text looks on a background with the YIQ color 55.0790, 15.9550,

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

55.0790, 15.9550, 2.6990

Protanopia

54.7570, 4.9980, -2.4740

Deuteranopia

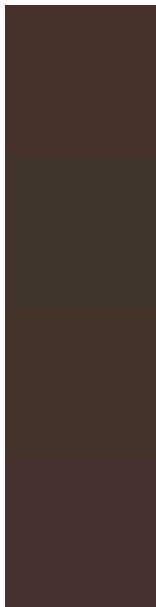
54.3340, 10.6830, -0.8770



Tritanopia

55.8170, 13.9370, 6.2330

Trichromacy



Original Color

55.0790, 15.9550, 2.6990

Protanomaly

54.9640, 8.8490, -0.6790

Deuteranomaly

54.6440, 12.7460, 0.2820

Tritanomaly

55.4750, 14.9000, 5.3000

Monochromacy



Original Color

55.0790, 15.9550, 2.6990

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.0500, 5.7310, 0.7630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 55.0790, 15.9550, 2.6990 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(72, 49, 42)` looks like.

```
.text, #text, p{  
    color:rgb(72, 49, 42)  
}
```

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(72, 49, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 49, 42) }
```

Border

The CSS property to change the border of an element to YIQ 55.0790, 15.9550, 2.6990 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(72, 49, 42) }
```


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

```
.border{ border-color:rgb(72, 49, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 49, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 49, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 49, 42);  
box-shadow:4px 4px 4px 4px rgb(72, 49, 42)  
}
```

Background

The CSS property to change the background color of an element to YIQ 55.0790, 15.9550, 2.6990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 49, 42) }
```

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

```
.background{ background-color: rgb(72, 49,  
42) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor