

Converting Colors

YIQ(61.7690, 40.2550, 2.8390)

Have a look what the booklet for
YIQ(61.7690, 40.2550, 2.8390)
contains.

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Color

**YIQ(61.7690, 40.2550,
2.8390)**

Conversions

Conversions Part 1

Format	Color
Hex	663116
RGB	102, 49, 22
RGB Percent	40%, 19%, 9%
CMY	0.5999, 0.8079, 0.9135
CMYK	0.00, 0.52, 0.78, 0.60
HSL	20°, 64%, 24%
HSV	20°, 78%, 40%
XYZ	6.7253, 5.0793, 1.3873
YIQ	61.7690, 40.2550, 2.8390

Conversions

Conversions Part 2

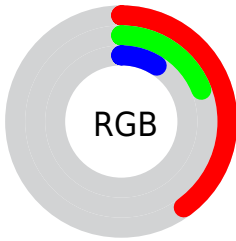
Format	Color
RYB	102, 63, 22
Decimal	6697238
CIELab	26.96, 21.64, 27.36
CIELCh	27, 34.877, 51.660
Yxy	5.0793, 0.5098, 0.3850
Android (android.graphics.Color)	4284887318 (0xFF663116)
YUV	61.7690, -19.6061, 35.2826
Hunter-Lab	22.5372, 13.8257, 12.1264

Details

The YIQ color **61.7690, 40.2550, 2.8390** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **62.2310, -40.2550, -2.8390**, and the grayscale version is **62.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **110.8190, 45.9860, 3.6020**, and **17.8850, 28.4250, 7.9850** is the 20% darker color. If you saturate the color by 10%, you get **56.5200, 45.3900, 3.3900**, and if you desaturate by 10%, it is **67.0180, 35.1200, 2.2880**.

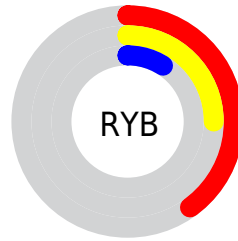
Distribution



 Red (40%)

 Green (19%)

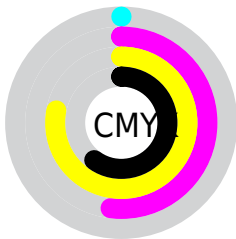
 Blue (9%)



 Red (40%)

 Yellow (25%)

 Blue (9%)

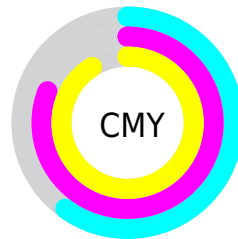


 Cyan (0%)


 Magenta (52%)

 Yellow (78%)

 Black (60%)



 Cyan (60%)

 Magenta (81%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 61.7690, 40.2550, 2.8390 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 61.7690, 40.2550, 2.8390 by changing the saturation by 10% instead.

■ 61.7690, 40.2550,
2.8390

■ 61.7690, 40.2550,
2.8390

■ 254.5440, 1.2840,
-1.2440

■ 38.5730, 37.8710,
1.9910

■ 110.8190, 45.9860,
3.6020

■ 17.8850, 28.4250,
7.9850

■ 136.9010, 48.6910,
4.1390

■ 5.6810, 11.3240,
4.0280

■ 163.6840, 50.8000,
4.4640

■ 0.0000, 0.0000,
0.0000

■ 191.1680, 52.3130,
4.5770

■ 213.8570, 42.8230,
0.3510

■ 233.3710, 26.4560,

-5.8960

■ 251.2380, 10.5930,
-10.2630

■ 61.7690, 40.2550,
2.8390

■ 61.7690, 40.2550,
2.8390

■ 56.5200, 45.3900,
3.3900

■ 67.0180, 35.1200,
2.2880

■ 51.2710, 50.5250,
3.9410

■ 72.2670, 29.9850,
1.7370

■ 50.4560, 51.4420,
3.8420

■ 77.0430, 24.8040,
2.0200

■ 82.2920, 19.6690,
1.4690

■ 87.5410, 14.5340,
0.9180

■ 92.7900, 9.3990,
0.3670

■ 97.4520, 4.5390,
0.3390

■ 102.8150, -0.9170,
0.0990

■ 108.0640, -6.0520,
-0.4520

Harmonies

Analogous

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



61.3260, 40.6650, 17.4410



61.7690, 40.2550, 2.8390



60.6070, 31.3630, -12.2290

Triad

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



61.7690, 40.2550, 2.8390



50.8820, -38.5550, -22.6430



63.0520, -22.9730, 14.3630

Complementary

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



61.7690, 40.2550, 2.8390



62.2310, -40.2550, -2.8390

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.



53.7270, -56.2110, -0.0110



61.7690, 40.2550, 2.8390



54.0740, -47.5430, -13.9350

Square

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



61.7690, 40.2550, 2.8390



53.3330, -15.0800, -24.0720



55.4080, -54.0550, -6.0470



65.8450, 8.7070, 23.9310

Rectangle

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



61.7690, 40.2550, 2.8390



59.2310, 20.4980, -19.0700



55.4080, -54.0550, -6.0470



58.2780, -38.4690, 8.8510

Sweetspot

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



61.7690, 40.2550, 2.8390



116.4380, 16.3220, 1.5540



51.9620, 30.6670, 33.4430



56.7900, 9.3990, 0.3670



194.0000, -0.0000, 0.0000



66.0000, -0.0000, -0.0000

Same Dimension

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



61.7690, 40.2550, 2.8390



70.0290, 62.9500, 4.5340



85.2490, 29.2550, -18.0810



48.6690, 2.4300, 0.0140



57.2780, 57.8150, 3.9830



120.4920, 121.6820, 8.4180

Inverse Universe

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



62.2310, -40.2550, -2.8390



70.9710, -62.9500, -4.5340



38.7510, -29.2550, 18.0810



48.3310, -2.4300, -0.0140



57.7220, -57.8150, -3.9830



122.0950, -121.9570, -8.9410

Previews

White Background



This preview shows how the YIQ color 61.7690, 40.2550, 2.8390 looks on a white background.

Color Contrast Check

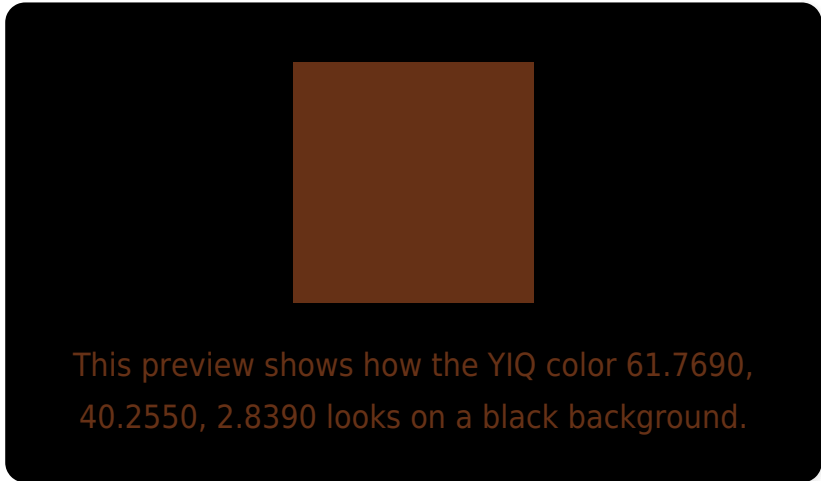
Large Text (above 18pt) WCAG AA ✓ Pass

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

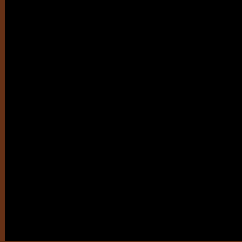
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 61.7690, 40.2550, 2.8390

Background



This preview shows how black text looks on a background with the YIQ color 61.7690, 40.2550, 2.8390.



This preview shows how white text looks on a background with the YIQ color 61.7690, 40.2550,

2.8390.

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

61.7690, 40.2550, 2.8390

Protanopia

62.6470, 16.6910, -10.6450

Deuteranopia

62.0780, 25.7230, -9.1330



Tritanopia

63.3850, 33.0090, 13.0170

Trichromacy



Original Color

61.7690, 40.2550, 2.8390

Protanomaly

62.3000, 25.2180, -5.4860

Deuteranomaly

62.2360, 31.2700, -5.0340

Tritanomaly

62.8320, 35.9440, 9.3840

Monochromacy



Original Color

61.7690, 40.2550, 2.8390

Achromatopsia

62.0000, -0.0000, -0.0000

Achromatomaly

61.8400, 15.1300, 1.1300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 61.7690, 40.2550, 2.8390 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(102, 49, 22)` looks like.

```
.text, #text, p{  
    color:rgb(102, 49, 22)  
}
```

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(102, 49, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 49, 22) }
```

Border

The CSS property to change the border of an element to YIQ 61.7690, 40.2550, 2.8390 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(102, 49, 22) }
```


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

```
.border{ border-color:rgb(102, 49, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 49, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 49, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 49, 22);  
box-shadow:4px 4px 4px 4px rgb(102, 49,  
22) }
```

Background

The CSS property to change the background color of an element to YIQ 61.7690, 40.2550, 2.8390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 49, 22) }
```

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

```
.background{ background-color: rgb(102, 49,  
22) }
```

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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