

Converting Colors

YIQ(120.7750, 38.9770,
-29.0790)

Have a look what the booklet for
YIQ(120.7750, 38.9770, -29.0790)
contains.

YIQ(120.7750, 38.9770, -29.0790)	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(120.7750, 38.9770,
-29.0790)**

Conversions

Conversions Part 1

Format	Color
Hex	8C811C
RGB	140, 129, 28
RGB Percent	55%, 51%, 11%
CMY	0.4510, 0.4941, 0.8899
CMYK	0.00, 0.08, 0.80, 0.45
HSL	54°, 67%, 33%
HSV	54°, 80%, 55%
XYZ	18.8736, 21.3580, 4.2301
YIQ	120.7750, 38.9770, -29.0790

Conversions

Conversions Part 2

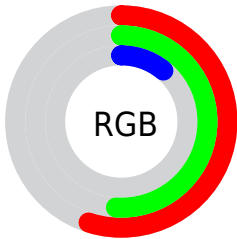
Format	Color
R_{YB}	40, 140, 28
Decimal	9208092
CIE _{Lab}	53.34, -7.17, 51.81
CIE _{LCh}	53, 52.307, 97.881
Yxy	21.3580, 0.4245, 0.4804
Android (android.graphics.Color)	4287398172 (0xFF8C811C)
YUV	120.7750, -45.7381, 16.8603
Hunter-Lab	46.2147, -7.9783, 26.9234

Details

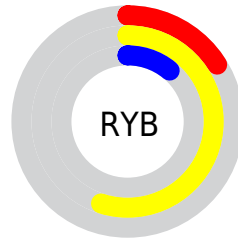
The YIQ color **120.7750, 38.9770, -29.0790** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **47.2250, -38.9770, 29.0790**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **174.9710, 41.3610, -28.2310**, and **72.6740, 29.2560, -23.6080** is the 20% darker color. If you saturate the color by 10%, you get **118.5920, 43.7460, -32.9100**, and if you desaturate by 10%, it is **122.9580, 34.2080, -25.2480**.

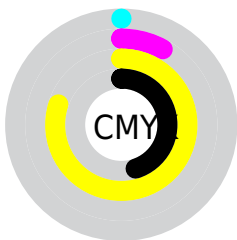
Distribution



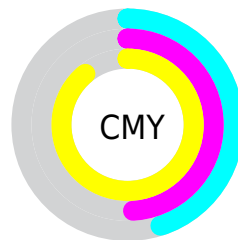
- Red (55%)
- Green (51%)
- Blue (11%)



- Red (16%)
- Yellow (55%)
- Blue (11%)



- Cyan (0%)
- Magenta (8%)
- Yellow (80%)
- Black (45%)



- Cyan (45%)
- Magenta (49%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 120.7750, 38.9770, -29.0790 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 120.7750, 38.9770, -29.0790 by changing the saturation by 10% instead.

120.7750, 38.9770,
-29.0790

120.7750, 38.9770,
-29.0790

255.0000, -0.0000,
-0.0000

94.8350, 38.7480,
-30.4360

174.9710, 41.3610,
-28.2310

72.6740, 29.2560,
-23.6080

202.5690, 42.5530,
-27.8070

51.9860, 19.8100,
-17.6140

230.6400, 43.7910,
-28.2170

31.5970, 10.9600,
-11.4080

244.2840, 30.1740,
-29.2340

9.3920, -4.4000,
-8.3680

247.4760, 21.1860,
-20.5260

0.0000, 0.0000,
0.0000

250.6680, 12.1980,

-11.8180

■ 253.9740, 2.8890,
-2.7990

■ 120.7750, 38.9770,
-29.0790

■ 120.7750, 38.9770,
-29.0790

■ 118.5920, 43.7460,
-32.9100

■ 122.9580, 34.2080,
-25.2480

■ 115.8220, 48.7900,
-36.2180

■ 125.7280, 29.1640,
-21.9400

■ 127.9110, 24.3950,
-18.1090

■ 130.0940, 19.6260,
-14.2780

■ 132.8640, 14.5820,
-10.9700

■ 135.0470, 9.8130,
-7.1390

■ 137.8170, 4.7690,
-3.8310

■ 140.0000, 0.0000,
0.0000

■ 142.1830, -4.7690,
3.8310

Harmonies

Analogous

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



124.2270, 61.8520, -8.6120



120.7750, 38.9770, -29.0790



115.5020, -0.0390, -37.8550

Triad

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



120.7750, 38.9770, -29.0790



107.6240, -99.1220, -20.8020



129.5810, 36.5340, 42.7580

Complementary

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



120.7750, 38.9770, -29.0790



47.2250, -38.9770, 29.0790

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.



130.6110, -7.7090, 35.0990



120.7750, 38.9770, -29.0790



106.7070, -106.1850, -8.4330

Square

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



120.7750, 38.9770, -29.0790



103.1950, -85.2730, -35.0090



116.6070, -72.9480, 11.4680



125.7240, 63.6320, 36.2400

Rectangle

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



120.7750, 38.9770, -29.0790



107.3480, -37.7720, -42.3480



116.6070, -72.9480, 11.4680



131.1110, 23.2380, 41.4300

Sweetspot

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



120.7750, 38.9770, -29.0790



173.7500, 14.9030, -11.2810



62.7420, 63.2210, 27.1650



87.1610, 9.4920, -6.8280



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



120.7750, 38.9770, -29.0790



151.1850, 60.5290, -45.2230



113.7770, 9.1320, -44.3720



67.6150, 2.5220, -1.6540



110.2070, 46.2680, -34.5640



4.4300, 1.6050, -1.5550

Inverse Universe

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



47.2250, -38.9770, 29.0790



36.8150, -60.5290, 45.2230



54.2230, -9.1320, 44.3720



63.3850, -2.5220, 1.6540



22.7930, -46.2680, 34.5640



1.1570, -1.8800, 1.0320

Previews

White Background



This preview shows how the YIQ color 120.7750, 38.9770, -29.0790 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 120.7750, 38.9770, -29.0790 looks on a black 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 × Fail

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

YIQ 120.7750, 38.9770, -29.0790

Background



This preview shows how black text looks on a background with the YIQ color 120.7750, 38.9770, -29.0790.



This preview shows how white text looks on a background with the YIQ color 120.7750, 38.9770,

-29.0790.

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

120.7750, 38.9770, -29.0790

Protanopia

121.0850, 41.0400, -27.9200

Deuteranopia

122.5150, 51.8130, -19.4110



Tritanopia

129.5120, 13.4780, 9.0460

Trichromacy



Original Color

120.7750, 38.9770, -29.0790

Protanomaly

120.7860, 40.4440, -28.1320

Deuteranomaly

122.0690, 47.1370, -22.7750

Tritanomaly

126.1580, 22.7420, -4.6660

Monochromacy



Original Color

120.7750, 38.9770, -29.0790

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

120.9780, 14.2610, -10.6590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.7750, 38.9770, -29.0790 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(140, 129, 28)` looks like.

```
.text, #text, p{  
    color:rgb(140, 129, 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(140, 129, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 129, 28) }
```

Border

The CSS property to change the border of an element to YIQ 120.7750, 38.9770, -29.0790 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(140, 129, 28) }
```


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

```
.border{ border-color:rgb(140, 129, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 129, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 129, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 129, 28);  
box-shadow:4px 4px 4px 4px rgb(140, 129,  
28) }
```

Background

The CSS property to change the background color of an element to YIQ 120.7750, 38.9770, -29.0790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 129, 28) }
```

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

```
.background{ background-color: rgb(140,  
129, 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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