

Converting Colors

YIQ(120.4140, 15.7290,
-15.2390)

Have a look what the booklet for
YIQ(120.4140, 15.7290, -15.2390)
contains.

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Color

**YIQ(120.4140, 15.7290,
-15.2390)**

Conversions

Conversions Part 1

Format	Color
Hex	7E7E4D
RGB	126, 126, 77
RGB Percent	49%, 49%, 30%
CMY	0.5059, 0.5059, 0.6979
CMYK	0.00, 0.00, 0.39, 0.51
HSL	60°, 24%, 40%
HSV	60°, 39%, 49%
XYZ	17.4043, 19.8929, 9.9483
YIQ	120.4140, 15.7290, -15.2390

Conversions

Conversions Part 2

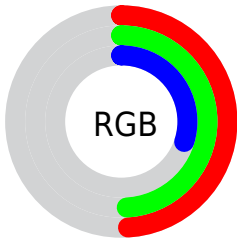
Format	Color
RYB	77, 126, 77
Decimal	8289869
CIELab	51.72, -7.95, 26.67
CIElCh	52, 27.831, 106.597
Yxy	19.8929, 0.3684, 0.4211
Android (android.graphics.Color)	4286479949 (0xFF7E7E4D)
YUV	120.4140, -21.4031, 4.8989
Hunter-Lab	44.6014, -8.3984, 17.9964

Details

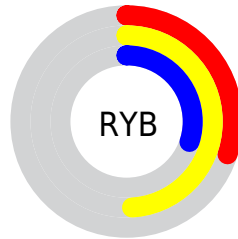
The YIQ color $120.4140, 15.7290, -15.2390$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $82.5860, -15.7290, 15.2390$, and the grayscale version is $121.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $173.3710, 17.2880, -15.9600$, and $71.4570, 14.1700, -14.5180$ is the 20% darker color. If you saturate the color by 10%, you get $118.9320, 19.9020, -19.2820$, and if you desaturate by 10%, it is $121.8960, 11.5560, -11.1960$.

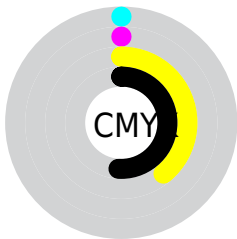
Distribution



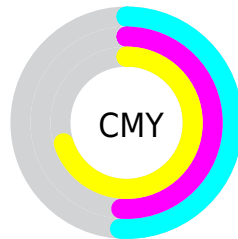
- Red (49%)
- Green (49%)
- Blue (30%)



- Red (30%)
- Yellow (49%)
- Blue (30%)



- Cyan (0%)
- Magenta (0%)
- Yellow (39%)
- Black (51%)



- Cyan (51%)
- Magenta (51%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 120.4140, 15.7290, -15.2390 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 120.4140, 15.7290, -15.2390 by changing the saturation by 10% instead.

120.4140, 15.7290,
-15.2390

120.4140, 15.7290,
-15.2390

255.0000, -0.0000,
-0.0000

95.3430, 14.4910,
-14.8290

173.3710, 17.2880,
-15.9600

71.4570, 14.1700,
-14.5180

200.2570, 17.6090,
-16.2710

48.7450, 13.2990,
-15.2530

228.4420, 18.5260,
-16.3700

28.3410, 8.8050,
-10.8990

249.6420, 15.0870,
-14.6170

7.0440, -3.3000,
-6.2760

252.8340, 6.0990,
-5.9090

0.0000, 0.0000,
0.0000

■ 120.4140, 15.7290,
-15.2390

■ 120.4140, 15.7290,
-15.2390

■ 118.9320, 19.9020,
-19.2820

■ 121.8960, 11.5560,
-11.1960

■ 117.5640, 23.7540,
-23.0140

■ 123.2640, 7.7040,
-7.4640

■ 116.0820, 27.9270,
-27.0570

■ 124.7460, 3.5310,
-3.4210

■ 114.7140, 31.7790,
-30.7890

■ 126.1140, -0.3210,
0.3110

■ 113.2320, 35.9520,
-34.8320

■ 127.5960, -4.4940,
4.3540

■ 111.7500, 40.1250,
-38.8750

■ 129.0780, -8.6670,
8.3970

■ 111.6360, 40.4460,
-39.1860

■ 130.4460,
-12.5190, 12.1290

■ 131.9280,

-16.6920, 16.1720

■ 133.2960,
-20.5440, 19.9040

Harmonies

Analogous

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



122.5950, 31.6370, -6.1790



120.4140, 15.7290, -15.2390



117.3450, -6.1860, -20.0580

Triad

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



120.4140, 15.7290, -15.2390



107.9180, -64.5990, -13.1990



126.3490, 24.6630, 21.1030

Complementary

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



120.4140, 15.7290, -15.2390



82.5860, -15.7290, 15.2390

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.



126.2850, 4.3520, 20.2560



120.4140, 15.7290, -15.2390



116.5170, -46.8120, 0.3560

Square

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



120.4140, 15.7290, -15.2390



107.5950, -56.6200, -20.1400



123.4820, -21.3680, 12.8080



125.1190, 36.8140, 15.6460

Rectangle

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



120.4140, 15.7290, -15.2390



115.0210, -22.8290, -21.3010



123.4820, -21.3680, 12.8080



126.9400, 18.5650, 21.4850

Sweetspot

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



120.4140, 15.7290, -15.2390



160.8340, 6.0990, -5.9090



91.6510, 29.2040, 10.3880



80.6320, 3.8520, -3.7320



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



120.4140, 15.7290, -15.2390



154.2220, 24.7170, -23.9470



113.2380, 1.4250, -20.3270



63.2020, 2.2470, -2.1770



113.1090, 40.4920, -40.0200



0.0000, 0.0000, 0.0000

Inverse Universe

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



82.5860, -15.7290, 15.2390



95.0770, -24.1210, 24.1590



90.0610, -0.8290, 20.5390



57.7980, -2.2470, 2.1770



14.5920, -41.0880, 39.8080



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 120.4140, 15.7290, -15.2390 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 120.4140, 15.7290, -15.2390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

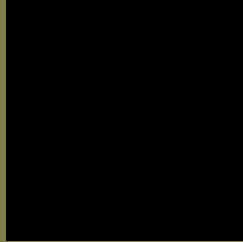
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 120.4140, 15.7290, -15.2390

Background



This preview shows how black text looks on a background with the YIQ color 120.4140, 15.7290, -15.2390.



This preview shows how white text looks on a background with the YIQ color 120.4140, 15.7290,

-15.2390.

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

120.4140, 15.7290, -15.2390

Protanopia

121.2300, 22.2390, -12.0730

Deuteranopia

122.5240, 30.3990, -5.7690



Tritanopia

124.6140, 4.2630, 5.3430

Trichromacy



Original Color

120.4140, 15.7290, -15.2390

Protanomaly

120.9200, 20.1760, -13.2320

Deuteranomaly

121.7790, 25.1270, -9.3450

Tritanomaly

123.0240, 8.6200, -2.0360

Monochromacy



Original Color

120.4140, 15.7290, -15.2390

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

119.9480, 5.7780, -5.5980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.4140, 15.7290, -15.2390 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(126, 126, 77)` looks like.

```
.text, #text, p{  
    color:rgb(126, 126, 77)  
}
```

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(126, 126, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 126, 77) }
```

Border

The CSS property to change the border of an element to YIQ 120.4140, 15.7290, -15.2390 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(126, 126, 77) }
```


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

```
.border{ border-color:rgb(126, 126, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 126, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 126, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 126, 77);  
box-shadow:4px 4px 4px 4px rgb(126, 126,  
77) }
```

Background

The CSS property to change the background color of an element to YIQ 120.4140, 15.7290, -15.2390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 126, 77) }
```

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

```
.background{ background-color: rgb(126,  
126, 77) }
```

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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