

Converting Colors

YIQ(121.4650, 27.7460,
-40.3020)

Have a look what the booklet for
YIQ(121.4650, 27.7460, -40.3020)
contains.

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Color

**YIQ(121.4650, 27.7460,
-40.3020)**

Conversions

Conversions Part 1

Format	Color
Hex	7B8C16
RGB	123, 140, 22
RGB Percent	48%, 55%, 9%
CMY	0.5178, 0.4509, 0.9135
CMYK	0.12, 0.00, 0.84, 0.45
HSL	69°, 73%, 32%
HSV	69°, 84%, 55%
XYZ	17.6886, 23.0251, 4.2737
YIQ	121.4650, 27.7460, -40.3020

Conversions

Conversions Part 2

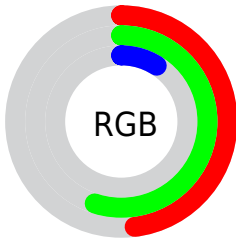
Format	Color
R_{YB}	22, 140, 39
Decimal	8096790
CIE _{Lab}	55.10, -20.99, 54.61
CIE _{LCh}	55, 58.509, 111.024
Yxy	23.0251, 0.3932, 0.5118
Android (android.graphics.Color)	4286286870 (0xFF7B8C16)
YUV	121.4650, -49.0362, 1.3462
Hunter-Lab	47.9845, -18.1720, 28.3086

Details

The YIQ color **121.4650, 27.7460, -40.3020** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **40.5350, -27.7460, 40.3020**, and the grayscale version is **122.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **175.5190, 27.6540, -38.6340**, and **73.7600, 16.9700, -32.2300** is the 20% darker color. If you saturate the color by 10%, you get **119.2710, 31.0480, -45.0800**, and if you desaturate by 10%, it is **123.6590, 24.4440, -35.5240**.

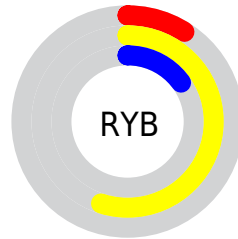
Distribution



Red (48%)

Green (55%)

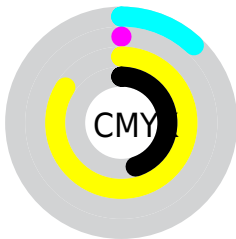
Blue (9%)



Red (9%)

Yellow (55%)

Blue (15%)

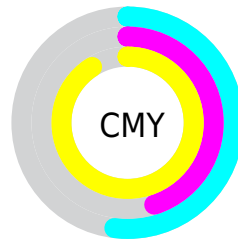


Cyan (12%)

Magenta (0%)

Yellow (84%)

Black (45%)



Cyan (52%)

Magenta (45%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.4650, 27.7460, -40.3020 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 121.4650, 27.7460, -40.3020 by changing the saturation by 10% instead.

■ 121.4650, 27.7460,
-40.3020

■ 121.4650, 27.7460,
-40.3020

■ 255.0000, -0.0000,
-0.0000

■ 96.2090, 25.5910,
-39.7930

■ 175.5190, 27.6540,
-38.6340

■ 73.7600, 16.9700,
-32.2300

■ 203.5900, 28.8920,
-39.0440

■ 52.4850, 7.7990,
-25.7130

■ 232.3620, 29.5340,
-39.6660

■ 31.2100, -1.3720,
-19.1960

■ 244.0560, 30.8160,
-29.8560

■ 15.2620, -7.1500,
-13.5980

■ 247.2480, 21.8280,
-21.1480

■ 0.0000, 0.0000,
0.0000

■ 250.5540, 12.5190,

-12.1290

■ 253.8600, 3.2100,
-3.1100

■ 121.4650, 27.7460,
-40.3020

■ 121.4650, 27.7460,
-40.3020

■ 119.2710, 31.0480,
-45.0800

■ 123.6590, 24.4440,
-35.5240

■ 118.0600, 33.0200,
-47.7800

■ 125.8530, 21.1420,
-30.7460

■ 128.0470, 17.8400,
-25.9680

■ 130.2410, 14.5380,
-21.1900

■ 132.4350, 11.2360,
-16.4120

■ 134.6290, 7.9340,
-11.6340

■ 136.8230, 4.6320,
-6.8560

■ 139.0170, 1.3300,
-2.0780

■ 141.2110, -1.9720,
2.7000

Harmonies

Analogous

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



125.5560, 61.7630, -23.5250



121.4650, 27.7460, -40.3020



112.3890, -27.8220, -46.4620

Triad

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



121.4650, 27.7460, -40.3020



113.1640, -109.2100, -14.1860



130.5790, 57.2110, 47.9870

Complementary

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



121.4650, 27.7460, -40.3020



40.5350, -27.7460, 40.3020

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.



135.4400, 15.1220, 45.3460



121.4650, 27.7460, -40.3020



109.8020, -113.5220, -2.1140

Square

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



121.4650, 27.7460, -40.3020



110.6100, -96.5070, -29.6510



129.7510, -46.4500, 26.8460



127.8580, 77.7540, 33.6100

Rectangle

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



121.4650, 27.7460, -40.3020



101.4560, -73.4870, -50.3750



129.7510, -46.4500, 26.8460



132.7610, 45.0150, 48.7510

Sweetspot

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



121.4650, 27.7460, -40.3020



174.0760, 10.8690, -15.2670



66.6740, 65.9280, 16.6480



87.6120, 6.6040, -9.5560



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.



121.4650, 27.7460, -40.3020



152.5920, 42.6050, -61.8030



104.1230, -6.8220, -52.5980



67.9030, 1.6510, -2.3890



111.8580, 30.7730, -45.6030



4.1310, 1.0090, -1.7670

Inverse Universe

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



40.5350, -27.7460, 40.3020



28.4080, -42.6050, 61.8030



57.8770, 6.8220, 52.5980



63.0970, -1.6510, 2.3890



20.8430, -31.3690, 45.3910



0.8690, -1.0090, 1.7670

Previews

White Background



This preview shows how the YIQ color 121.4650, 27.7460, -40.3020 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 121.4650, 27.7460, -40.3020 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 121.4650, 27.7460, -40.3020

Background



This preview shows how black text looks on a background with the YIQ color 121.4650, 27.7460, -40.3020.



This preview shows how white text looks on a background with the YIQ color 121.4650, 27.7460,

-40.3020.

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

121.4650, 27.7460, -40.3020

Protanopia

124.0160, 45.4880, -31.4400

Deuteranopia

126.6570, 54.2890, -20.2310



Tritanopia

132.1510, -1.7430, 4.0570

Trichromacy



Original Color

121.4650, 27.7460, -40.3020

Protanomaly

123.2000, 38.9780, -34.6060

Deuteranomaly

124.3520, 44.6620, -27.4820

Tritanomaly

128.4010, 8.5760, -12.2560

Monochromacy



Original Color

121.4650, 27.7460, -40.3020

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

121.3040, 10.2270, -14.6450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.4650, 27.7460, -40.3020 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(123, 140, 22)` looks like.

```
.text, #text, p{  
    color:rgb(123, 140, 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(123, 140, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 140, 22) }
```

Border

The CSS property to change the border of an element to YIQ 121.4650, 27.7460, -40.3020 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(123, 140, 22) }
```


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

```
.border{ border-color:rgb(123, 140, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 140, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 140, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 140, 22);  
box-shadow:4px 4px 4px 4px rgb(123, 140,  
22) }
```

Background

The CSS property to change the background color of an element to YIQ 121.4650, 27.7460, -40.3020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 140, 22) }
```

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

```
.background{ background-color: rgb(123,  
140, 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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