

Converting Colors

YIQ(123.0420, 42.5990,
-28.6410)

Have a look what the booklet for
YIQ(123.0420, 42.5990, -28.6410)
contains.

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Color

**YIQ(123.0420, 42.5990,
-28.6410)**

Conversions

Conversions Part 1

Format	Color
Hex	92821B
RGB	146, 130, 27
RGB Percent	57%, 51%, 11%
CMY	0.4275, 0.4902, 0.8939
CMYK	0.00, 0.11, 0.81, 0.43
HSL	52°, 69%, 34%
HSV	52°, 81%, 57%
XYZ	20.0331, 22.1532, 4.2609
YIQ	123.0420, 42.5990, -28.6410

Conversions

Conversions Part 2

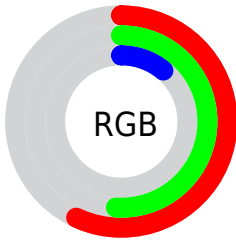
Format	Color
R_{YB}	45, 146, 27
Decimal	9601563
CIE _{Lab}	54.19, -4.98, 53.11
CIE _{LCh}	54, 53.348, 95.357
Yxy	22.1532, 0.4313, 0.4770
Android (android.graphics.Color)	4287791643 (0xFF92821B)
YUV	123.0420, -47.3487, 20.1342
Hunter-Lab	47.0672, -6.3929, 27.5796

Details

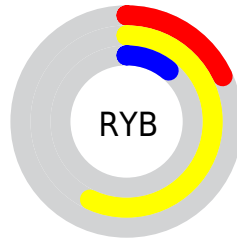
The YIQ color **123.0420, 42.5990, -28.6410** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **49.9580, -42.5990, 28.6410**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **177.3520, 44.6620, -27.4820**, and **75.0550, 32.5570, -22.8590** is the 20% darker color. If you saturate the color by 10%, you get **120.1580, 47.9640, -32.2600**, and if you desaturate by 10%, it is **125.9260, 37.2340, -25.0220**.

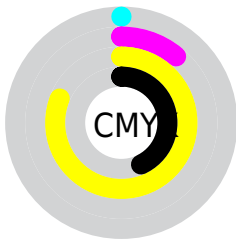
Distribution



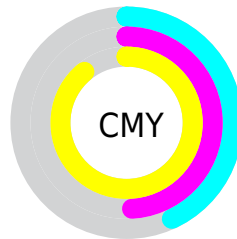
- Red (57%)
- Green (51%)
- Blue (11%)



- Red (18%)
- Yellow (57%)
- Blue (11%)



- Cyan (0%)
- Magenta (11%)
- Yellow (81%)
- Black (43%)



- Cyan (43%)
- Magenta (49%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 123.0420, 42.5990, -28.6410 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 123.0420, 42.5990, -28.6410 by changing the saturation by 10% instead.

■ 123.0420, 42.5990,
-28.6410

■ 123.0420, 42.5990,
-28.6410

■ 255.0000, -0.0000,
-0.0000

■ 96.9170, 41.4530,
-29.8990

■ 177.3520, 44.6620,
-27.4820

■ 75.0550, 32.5570,
-22.8590

■ 204.8360, 46.1750,
-27.3690

■ 53.4810, 22.7900,
-16.5540

■ 231.2270, 43.5160,
-28.7400

■ 33.6790, 13.6650,
-10.8710

■ 244.2840, 30.1740,
-29.2340

■ 13.2680, 1.8810,
-6.5590

■ 247.4760, 21.1860,
-20.5260

■ 0.0000, 0.0000,
0.0000

■ 250.6680, 12.1980,

-11.8180

253.9740, 2.8890,
-2.7990

123.0420, 42.5990,
-28.6410

123.0420, 42.5990,
-28.6410

120.1580, 47.9640,
-32.2600

125.9260, 37.2340,
-25.0220

117.6160, 52.3660,
-34.9460

128.6960, 32.1900,
-21.7140

131.5800, 26.8250,
-18.0950

134.3500, 21.7810,
-14.7870

137.2340, 16.4160,
-11.1680

■ 140.1180, 11.0510,
-7.5490

■ 142.8880, 6.0070,
-4.2410

■ 145.7720, 0.6420,
-0.6220

■ 148.5420, -4.4020,
2.6860

Harmonies

Analogous

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



126.2490, 64.7860, -6.7180



123.0420, 42.5990, -28.6410



118.2420, 3.6290, -38.2510

Triad

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



123.0420, 42.5990, -28.6410



109.3850, -99.9470, -22.3710



132.4390, 34.0580, 43.5780

Complementary

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



123.0420, 42.5990, -28.6410



49.9580, -42.5990, 28.6410

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.



132.7460, -12.5230, 34.2370



123.0420, 42.5990, -28.6410



108.8100, -107.9730, -9.0690

Square

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



123.0420, 42.5990, -28.6410



104.8420, -85.7770, -36.8890



113.4420, -85.7850, 7.3270



128.1910, 63.8150, 38.4310

Rectangle

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



123.0420, 42.5990, -28.6410



110.6860, -32.9120, -42.3200



113.4420, -85.7850, 7.3270



133.6700, 20.1660, 42.0380

Sweetspot

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



123.0420, 42.5990, -28.6410



180.2340, 16.4160, -11.1680



64.6330, 65.1460, 30.8260



89.1610, 9.4920, -6.8280



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



123.0420, 42.5990, -28.6410



153.2350, 66.2600, -44.4600



119.8760, 13.1670, -45.9130



72.6150, 2.5220, -1.6540



111.1150, 49.5230, -32.9810



8.2730, 3.4850, -2.5870

Inverse Universe

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



49.9580, -42.5990, 28.6410



39.7650, -66.2600, 44.4600



53.1240, -13.1670, 45.9130



68.3850, -2.5220, 1.6540



26.8850, -49.5230, 32.9810



1.7270, -3.4850, 2.5870

Previews

White Background



This preview shows how the YIQ color 123.0420, 42.5990, -28.6410 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 123.0420, 42.5990, -28.6410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

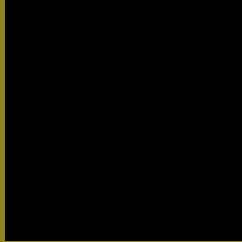
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 123.0420, 42.5990, -28.6410

Background



This preview shows how black text looks on a background with the YIQ color 123.0420, 42.5990, -28.6410.



This preview shows how white text looks on a background with the YIQ color 123.0420, 42.5990,

-28.6410.

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

123.0420, 42.5990, -28.6410

Protanopia

123.0420, 42.5990, -28.6410

Deuteranopia

124.4720, 53.3720, -20.1320



Tritanopia

131.5940, 16.1830, 9.5830

Trichromacy



Original Color

123.0420, 42.5990, -28.6410

Protanomaly

123.0420, 42.5990, -28.6410

Deuteranomaly

124.3250, 49.2920, -23.2840

Tritanomaly

128.2400, 25.4470, -4.1290

Monochromacy



Original Color

123.0420, 42.5990, -28.6410

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

123.1630, 15.1780, -10.7580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.0420, 42.5990, -28.6410 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(146, 130, 27)` looks like.

```
.text, #text, p{  
    color:rgb(146, 130, 27)  
}
```

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(146, 130, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 130, 27) }
```

Border

The CSS property to change the border of an element to YIQ 123.0420, 42.5990, -28.6410 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(146, 130, 27) }
```


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

```
.border{ border-color:rgb(146, 130, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 130, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 130, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 130, 27);  
box-shadow:4px 4px 4px 4px rgb(146, 130,  
27) }
```

Background

The CSS property to change the background color of an element to YIQ 123.0420, 42.5990, -28.6410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 130, 27) }
```

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

```
.background{ background-color: rgb(146,  
130, 27) }
```

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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