

Converting Colors

YIQ(132.5990, -42.9660,
29.7860)

Have a look what the booklet for
YIQ(132.5990, -42.9660, 29.7860)
contains.

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Color

**YIQ(132.5990, -42.9660,
29.7860)**

Conversions

Conversions Part 1

Format	Color
Hex	6E7DE7
RGB	110, 125, 231
RGB Percent	43%, 49%, 91%
CMY	0.5686, 0.5098, 0.0944
CMYK	0.52, 0.46, 0.00, 0.09
HSL	233°, 72%, 67%
HSV	233°, 52%, 91%
XYZ	28.1805, 23.7503, 78.6526
YIQ	132.5990, -42.9660, 29.7860

Conversions

Conversions Part 2

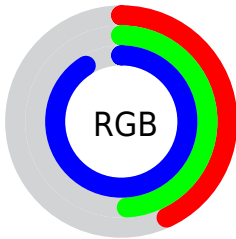
Format	Color
RYB	110, 123, 231
Decimal	7241191
CIELab	55.84, 23.76, -55.60
CIElCh	56, 60.461, 293.144
Yxy	23.7503, 0.2158, 0.1819
Android (android.graphics.Color)	4285431271 (0xFF6E7DE7)
YUV	132.5990, 48.5117, -19.8193
Hunter-Lab	48.7343, 17.9325, -61.5746

Details

The YIQ color $132.5990, -42.9660, 29.7860$ is a light color, and the websafe version is hex $6666CC$. A complement of this color would be $208.4010, 42.9660, -29.7860$, and the grayscale version is $132.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $183.2010, -30.4020, 22.3500$, and $79.2020, -49.3380, 24.1180$ is the 20% darker color. If you saturate the color by 10%, you get $113.9820, -51.1740, 35.3700$, and if you desaturate by 10%, it is $151.2160, -34.7580, 24.2020$.

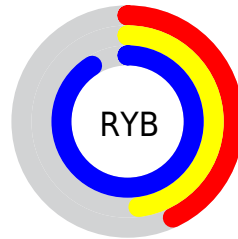
Distribution



Red (43%)

Green (49%)

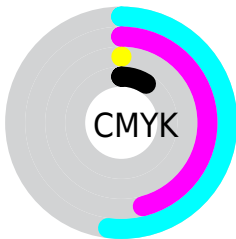
Blue (91%)



Red (43%)

Yellow (48%)

Blue (91%)

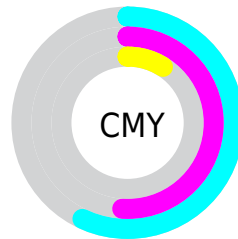


Cyan (52%)

Magenta (46%)

Yellow (0%)

Black (9%)



Cyan (57%)

Magenta (51%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 132.5990, -42.9660, 29.7860 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 132.5990, -42.9660, 29.7860 by changing the saturation by 10% instead.

■ 132.5990,
-42.9660, 29.7860

■ 132.5990,
-42.9660, 29.7860

■ 255.0000, -0.0000,
-0.0000

■ 105.6480,
-44.6620, 27.4820

■ 183.2010,
-30.4020, 22.3500

■ 79.2020, -49.3380,
24.1180

■ 208.6070,
-20.2220, 14.0660

■ 48.4560, -62.0370,
17.4750

■ 233.7140,
-10.6380, 5.5700

■ 33.7520, -48.1910,
19.8490

■ 19.7490, -34.9410,
22.0110

■ 10.4420, -23.8910,
19.9890

■ 7.8200, -16.5080,

12.8360

■ 3.5510, -8.6210,
7.5630

■ 0.0000, 0.0000,
0.0000

■ 132.5990,
-42.9660, 29.7860

■ 132.5990,
-42.9660, 29.7860

■ 113.9820,
-51.1740, 35.3700

■ 151.2160,
-34.7580, 24.2020

■ 95.3650, -59.3820,
40.9540

■ 169.8330,
-26.5500, 18.6180

■ 76.1610, -67.3150,
47.0610

■ 189.0370,
-18.6170, 12.5110

■ 57.5440, -75.5230,
52.6450

■ 207.6540,
-10.4090, 6.9270

■ 43.3570, -82.1260,
56.6740

■ 226.2710, -2.2010,
1.3430

■ 245.1870, 6.6030,
-4.0290

■ 252.2640, 7.7040,
-7.4640

Harmonies

Analogous

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



111.6600, -115.9980, -1.2940



132.5990, -42.9660, 29.7860



137.1740, 18.9270, 47.9750

Triad

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



132.5990, -42.9660, 29.7860



129.7010, 78.4930, 3.6850



106.4260, -81.9700, -45.3140

Complementary

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



132.5990, -42.9660, 29.7860



208.4010, 42.9660, -29.7860

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.



111.5020, -35.5700, -49.2180



132.5990, -42.9660, 29.7860



126.2910, 63.8270, -27.8930

Square

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



132.5990, -42.9660, 29.7860



129.2990, 80.8260, 33.0020



122.1010, 25.7750, -43.1290



112.5820, -99.3040, -28.5200

Rectangle

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



132.5990, -42.9660, 29.7860



133.6800, 49.7370, 51.2810



122.1010, 25.7750, -43.1290



103.0860, -75.3210, -50.1770

Sweetspot

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



132.5990, -42.9660, 29.7860



221.6090, -14.5360, 10.1360



192.9970, -66.9800, -30.6280



107.6110, -8.8500, 6.2060



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



132.5990, -42.9660, 29.7860



124.0940, -57.1810, 39.6110



136.9500, -12.6170, 46.9590



105.5420, -4.4020, 2.6860



33.3200, -63.5090, 44.1630



9.3360, -18.0210, 12.7230

Inverse Universe

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



147.8890, 67.3010, 30.3170



144.4190, 89.5360, 40.3520



204.0500, 12.6170, -46.9590



106.8160, 6.5100, 3.1660



56.0290, 99.6220, 44.7900



15.9330, 28.4700, 12.6780

Previews

White Background



This preview shows how the YIQ color 132.5990, -42.9660, 29.7860 looks on a white background.

Color Contrast Check

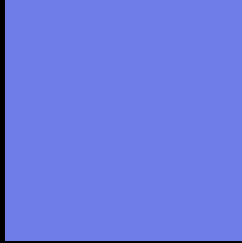
Large Text (above 18pt) WCAG AA ✓ Pass

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 132.5990, -42.9660, 29.7860 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 132.5990, -42.9660, 29.7860

Background



This preview shows how black text looks on a background with the YIQ color 132.5990, -42.9660, 29.7860.



This preview shows how white text looks on a background with the YIQ color 132.5990, -42.9660, 29.7860.

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

132.5990, -42.9660, 29.7860

Protanopia

128.3300, -61.4420, 23.2140

Deuteranopia

123.5900, -74.2780, 13.5460



Tritanopia

126.6130, -38.6950, -9.0870

Trichromacy



Original Color

132.5990, -42.9660, 29.7860

Protanomaly

129.6190, -54.8860, 25.5460

Deuteranomaly

126.7380, -62.7710, 19.7650

Tritanomaly

128.3870, -40.3940, 5.1900

Monochromacy



Original Color

132.5990, -42.9660, 29.7860

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.9510, -15.4990, 11.0690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 132.5990, -42.9660, 29.7860 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(110, 125, 231)` looks like.

```
.text, #text, p{  
    color:rgb(110, 125, 231)  
}
```

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(110, 125, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 125, 231) }
```

Border

The CSS property to change the border of an element to YIQ 132.5990, -42.9660, 29.7860 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(110, 125, 231) }
```


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

```
.border{ border-color:rgb(110, 125, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 125, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 125, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 125, 231);  
box-shadow:4px 4px 4px 4px rgb(110, 125,  
231) }
```

Background

The CSS property to change the background color of an element to YIQ 132.5990, -42.9660, 29.7860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 125, 231) }
```

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

```
.background{ background-color: rgb(110,  
125, 231) }
```

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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