

Converting Colors

YIQ(122.8250, -41.2670,
15.5090)

Have a look what the booklet for
YIQ(122.8250, -41.2670, 15.5090)
contains.

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Color

**YIQ(122.8250, -41.2670,
15.5090)**

Conversions

Conversions Part 1

Format	Color
Hex	5D7CC3
RGB	93, 124, 195
RGB Percent	36%, 49%, 76%
CMY	0.6353, 0.5137, 0.2355
CMYK	0.52, 0.36, 0.00, 0.24
HSL	222°, 46%, 56%
HSV	222°, 52%, 76%
XYZ	21.5668, 20.6830, 54.4522
YIQ	122.8250, -41.2670, 15.5090

Conversions

Conversions Part 2

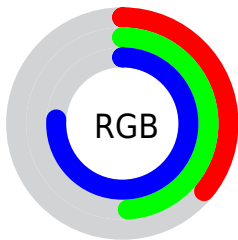
Format	Color
R _Y B	93, 117, 195
Decimal	6126787
CIE Lab	52.60, 9.27, -40.47
CIE LCh	53, 41.522, 282.905
Yxy	20.6830, 0.2230, 0.2139
Android (android.graphics.Color)	4284316867 (0xFF5D7CC3)
YUV	122.8250, 35.5823, -26.1565
Hunter-Lab	45.4786, 5.0605, -39.1539

Details

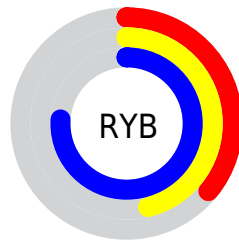
The YIQ color **122.8250, -41.2670, 15.5090** is a dark color, and the websafe version is hex **666699**. The color can be described as middle muted azure. A complement of this color would be **165.1750, 41.2670, -15.5090**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **176.5910, -40.4880, 17.9120**, and **70.2540, -47.0890, 10.8870** is the 20% darker color. If you saturate the color by 10%, you get **108.9260, -48.7410, 18.8030**, and if you desaturate by 10%, it is **136.7240, -33.7930, 12.2150**.

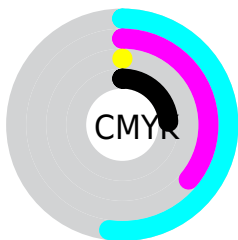
Distribution



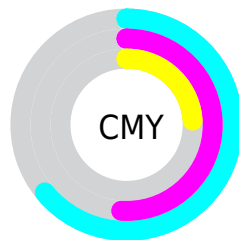
- Red (36%)
- Green (49%)
- Blue (76%)



- Red (36%)
- Yellow (46%)
- Blue (76%)



- Cyan (52%)
- Magenta (36%)
- Yellow (0%)
- Black (24%)



- Cyan (64%)
- Magenta (51%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.8250, -41.2670, 15.5090 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 122.8250, -41.2670, 15.5090 by changing the saturation by 10% instead.

■ 122.8250,
-41.2670, 15.5090

■ 122.8250,
-41.2670, 15.5090

■ 255.0000, -0.0000,
-0.0000

■ 96.2870, -42.6880,
13.7280

■ 176.5910,
-40.4880, 17.9120

■ 70.2540, -47.0890,
10.8870

■ 201.7410,
-32.4630, 10.1370

■ 44.2210, -51.4900,
8.0460

■ 226.8480,
-22.8790, 1.6410

■ 29.6310, -37.9650,
10.7310

■ 249.0200,
-11.9200, -4.2400

■ 12.8070, -23.6610,
15.8190

■ 6.6630, -14.6280,
11.8040

■ 2.9810, -7.0160,

6.0080

■ 0.0000, 0.0000,
0.0000

■ 122.8250,
-41.2670, 15.5090

■ 122.8250,
-41.2670, 15.5090

■ 108.9260,
-48.7410, 18.8030

■ 136.7240,
-33.7930, 12.2150

■ 95.3150, -57.0860,
21.3620

■ 150.3350,
-25.4480, 9.6560

■ 81.4160, -64.5600,
24.6560

■ 164.2340,
-17.9740, 6.3620

■ 67.8050, -72.9050,
27.2150

■ 177.8450, -9.6290,
3.8030

■ 56.8630, -78.8200,
29.7880

■ 191.7440, -2.1550,
0.5090

■ 205.3550, 6.1900,
-2.0500

■ 219.2540, 13.6640,
-5.3440

■ 233.4520, 21.7340,
-8.4260

■ 242.8770, 21.7350,
-13.9530

Harmonies

Analogous

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



101.2470, -99.0780, -10.5820



122.8250, -41.2670, 15.5090



129.1140, 0.8200, 29.2040

Triad

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



122.8250, -41.2670, 15.5090



124.7820, 56.5760, 9.9200



104.6640, -53.0410, -35.4490

Complementary

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



122.8250, -41.2670, 15.5090



165.1750, 41.2670, -15.5090

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.



116.0210, -5.6340, -30.0660



122.8250, -41.2670, 15.5090



123.2130, 47.2720, -8.6960

Square

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



122.8250, -41.2670, 15.5090



126.1260, 53.2720, 25.7520



120.6460, 26.4590, -22.4770



100.4880, -84.5400, -31.7720

Rectangle

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



122.8250, -41.2670, 15.5090



128.8410, 23.6980, 33.0900



120.6460, 26.4590, -22.4770



110.5970, -33.7390, -32.8350

Sweetspot

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



122.8250, -41.2670, 15.5090



223.6040, -16.1400, 6.1640



160.8540, -50.5200, -31.5760



110.5460, -10.2250, 3.5910



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.



122.8250, -41.2670, 15.5090



139.8890, -64.5140, 23.8220



110.3090, -21.4180, 35.7500



89.9010, -4.0350, 1.5410



47.1170, -65.1560, 24.4440



9.6320, -13.3430, 5.0330

Inverse Universe

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



127.0320, 50.8410, 31.2650



146.1270, 79.0350, 48.9470



177.6910, 21.4180, -35.7500



90.3320, 4.9970, 3.0530



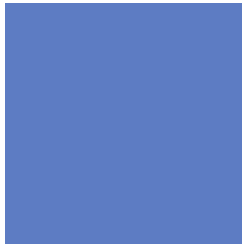
53.7250, 80.2270, 49.3710



11.0070, 16.4580, 10.1060

Previews

White Background



This preview shows how the YIQ color 122.8250, -41.2670, 15.5090 looks on a white background.

Color Contrast Check

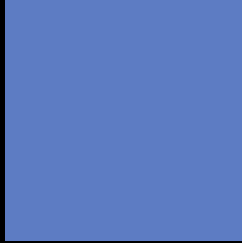
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.8250, -41.2670, 15.5090 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

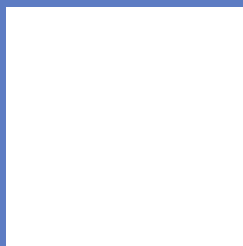
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 122.8250, -41.2670, 15.5090

Background



This preview shows how black text looks on a background with the YIQ color 122.8250, -41.2670, 15.5090.

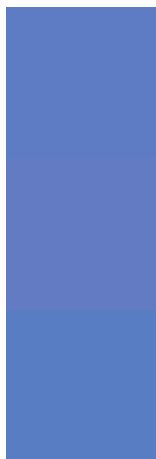


This preview shows how white text looks on a background with the YIQ color 122.8250, -41.2670, 15.5090.

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

122.8250, -41.2670, 15.5090

Protanopia

123.9180, -37.0950, 16.9930

Deuteranopia

122.2160, -43.9260, 14.1380



Tritanopia

117.9120, -38.0990, -8.8750

Trichromacy



Original Color

122.8250, -41.2670, 15.5090

Protanomaly

123.3200, -38.2870, 16.5690

Deuteranomaly

122.5150, -43.3300, 14.3500

Tritanomaly

119.4100, -39.2010, 0.0870

Monochromacy



Original Color

122.8250, -41.2670, 15.5090

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

122.6750, -14.9020, 5.7540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.8250, -41.2670, 15.5090 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(93, 124, 195)` looks like.

```
.text, #text, p{  
    color:rgb(93, 124, 195)  
}
```

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(93, 124, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 124, 195) }
```

Border

The CSS property to change the border of an element to YIQ 122.8250, -41.2670, 15.5090 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(93, 124, 195) }
```


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

```
.border{ border-color:rgb(93, 124, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 124, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 124, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 124, 195);  
box-shadow:4px 4px 4px 4px rgb(93, 124,  
195) }
```

Background

The CSS property to change the background color of an element to YIQ 122.8250, -41.2670, 15.5090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 124, 195) }
```

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

```
.background{ background-color: rgb(93, 124,  
195) }
```

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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