

Converting Colors

YIQ(122.4840, -42.0450, 7.5790)

Have a look what the booklet for
YIQ(122.4840, -42.0450, 7.5790)
contains.

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Color

**YIQ(122.4840, -42.0450,
7.5790)**

Conversions

Conversions Part 1

Format	Color
Hex	5781B6
RGB	87, 129, 182
RGB Percent	34%, 51%, 71%
CMY	0.6589, 0.4940, 0.2865
CMYK	0.52, 0.29, 0.00, 0.29
HSL	213°, 39%, 53%
HSV	213°, 52%, 71%
XYZ	20.2195, 21.1058, 47.2354
YIQ	122.4840, -42.0450, 7.5790

Conversions

Conversions Part 2

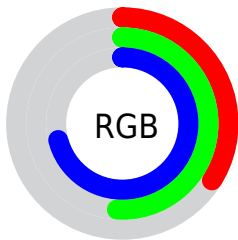
Format	Color
R_{YB}	87, 116, 182
Decimal	5734838
CIE _{Lab}	53.07, 0.78, -32.32
CIE _{LCh}	53, 32.334, 271.391
Yxy	21.1058, 0.2283, 0.2383
Android (android.graphics.Color)	4283924918 (0xFF5781B6)
YUV	122.4840, 29.3414, -31.1195
Hunter-Lab	45.9411, -1.8358, -28.8016

Details

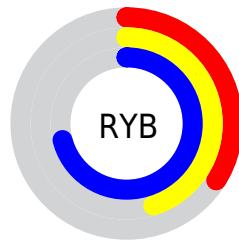
The YIQ color **122.4840, -42.0450, 7.5790** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **146.5160, 42.0450, -7.5790**, and the grayscale version is **122.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **176.4240, -41.8160, 8.9360**, and **69.7390, -47.3170, 4.0030** is the 20% darker color. If you saturate the color by 10%, you get **111.2320, -50.0230, 8.9930**, and if you desaturate by 10%, it is **133.7360, -34.0670, 6.1650**.

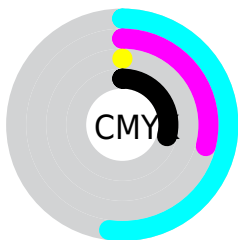
Distribution



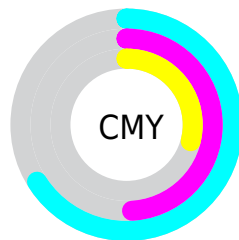
- Red (34%)
- Green (51%)
- Blue (71%)



- Red (34%)
- Yellow (45%)
- Blue (71%)



- Cyan (52%)
- Magenta (29%)
- Yellow (0%)
- Black (29%)



- Cyan (66%)
- Magenta (49%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.4840, -42.0450, 7.5790 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 122.4840, -42.0450, 7.5790 by changing the saturation by 10% instead.

■ 122.4840,
-42.0450, 7.5790

■ 122.4840,
-42.0450, 7.5790

■ 255.0000, -0.0000,
-0.0000

■ 96.3590, -43.1910,
6.3210

■ 176.4240,
-41.8160, 8.9360

■ 69.7390, -47.3170,
4.0030

■ 202.5830,
-38.0100, 6.0380

■ 45.2010, -48.7380,
2.2220

■ 227.6900,
-28.4260, -2.4580

■ 30.1380, -35.2590,
5.7410

■ 246.9270,
-16.0920, -5.7240

■ 15.1890, -22.1010,
9.5710

■ 5.0500, -11.4640,
9.5280

■ 0.9120, -2.5680,

2.4880

■ 0.0000, 0.0000,
0.0000

■ 122.4840,
-42.0450, 7.5790

■ 122.4840,
-42.0450, 7.5790

■ 111.2320,
-50.0230, 8.9930

■ 133.7360,
-34.0670, 6.1650

■ 99.9800, -58.0010,
10.4070

■ 144.9880,
-26.0890, 4.7510

■ 88.4290, -66.5750,
11.6090

■ 156.5390,
-17.5150, 3.5490

■ 76.5900, -74.2780,
13.5460

■ 168.3780, -9.8120,
1.6120

■ 68.2950, -80.6970,
14.2390

■ 179.6300, -1.8340,
0.1980

■ 190.8820, 6.1440,
-1.2160

■ 202.1340, 14.1220,
-2.6300

■ 213.6850, 22.6960,
-3.8320

■ 224.9370, 30.6740,
-5.2460

Harmonies

Analogous

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



108.7410, -77.1620, -11.2900



122.4840, -42.0450, 7.5790



128.8580, -10.5030, 19.6490

Triad

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



122.4840, -42.0450, 7.5790



127.6160, 45.4800, 12.7760



117.0980, -21.7280, -24.7360

Complementary

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



122.4840, -42.0450, 7.5790



146.5160, 42.0450, -7.5790

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.



121.6360, 6.0560, -21.6560



122.4840, -42.0450, 7.5790



126.7320, 41.6770, -0.9070

Square

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



122.4840, -42.0450, 7.5790



129.5200, 37.3630, 22.2190



124.1120, 28.3830, -13.2890



108.6070, -56.8940, -26.1900

Rectangle

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



122.4840, -42.0450, 7.5790



130.2580, 8.9820, 24.4540



124.1120, 28.3830, -13.2890



118.8880, -12.3290, -24.3690

Sweetspot

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



122.4840, -42.0450, 7.5790



213.3110, -16.8730, 2.9270



148.6930, -42.8170, -33.5130



105.4920, -10.1330, 1.9230



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



122.4840, -42.0450, 7.5790



143.7280, -65.9790, 11.8210



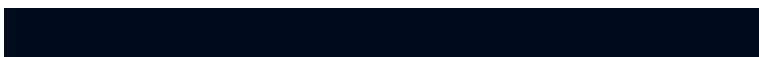
99.3250, -27.5150, 30.6050



86.3740, -3.9890, 0.7070



58.2870, -69.0510, 12.4290



10.2360, -12.2880, 2.4320

Inverse Universe

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



120.1930, 43.1380, 33.2020



140.0750, 67.6180, 52.1140



169.6750, 27.5150, -30.6050



86.1470, 4.0800, 3.1520



54.5100, 70.8270, 54.5310



9.7400, 12.8360, 9.6680

Previews

White Background



This preview shows how the YIQ color 122.4840, -42.0450, 7.5790 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 122.4840, -42.0450, 7.5790 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 122.4840, -42.0450, 7.5790

Background



This preview shows how black text looks on a background with the YIQ color 122.4840, -42.0450, 7.5790.



This preview shows how white text looks on a background with the YIQ color 122.4840, -42.0450, 7.5790.

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

122.4840, -42.0450, 7.5790

Protanopia

125.6710, -26.2740, 13.6140

Deuteranopia

125.3330, -31.1340, 13.5860



Tritanopia

119.0150, -39.8870, -9.5110

Trichromacy



Original Color

122.4840, -42.0450, 7.5790

Protanomaly

124.5670, -31.9130, 11.1830

Deuteranomaly

124.1260, -34.9850, 11.7910

Tritanomaly

119.9320, -40.8510, -3.0510

Monochromacy



Original Color

122.4840, -42.0450, 7.5790

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

122.3820, -15.6350, 2.5170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.4840, -42.0450, 7.5790 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(87, 129, 182)` looks like.

```
.text, #text, p{  
    color:rgb(87, 129, 182)  
}
```

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(87, 129, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 129, 182) }
```

Border

The CSS property to change the border of an element to YIQ 122.4840, -42.0450, 7.5790 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(87, 129, 182) }
```


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

```
.border{ border-color:rgb(87, 129, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 129, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 129, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 129, 182);  
box-shadow:4px 4px 4px 4px rgb(87, 129,  
182) }
```

Background

The CSS property to change the background color of an element to YIQ 122.4840, -42.0450, 7.5790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 129, 182) }
```

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

```
.background{ background-color: rgb(87, 129,  
182) }
```

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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