

Converting Colors

YIQ(153.7540, -42.5050,
15.9190)

Have a look what the booklet for
YIQ(153.7540, -42.5050, 15.9190)
contains.

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Color

**YIQ(153.7540, -42.5050,
15.9190)**

Conversions

Conversions Part 1

Format	Color
Hex	7B9BE4
RGB	123, 155, 228
RGB Percent	48%, 61%, 89%
CMY	0.5177, 0.3921, 0.1061
CMYK	0.46, 0.32, 0.00, 0.11
HSL	222°, 66%, 69%
HSV	222°, 46%, 89%
XYZ	33.8865, 33.2559, 77.9900
YIQ	153.7540, -42.5050, 15.9190

Conversions

Conversions Part 2

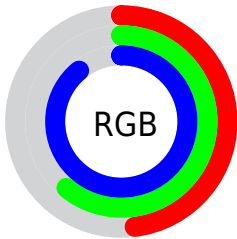
Format	Color
RYB	123, 148, 228
Decimal	8100836
CIELab	64.37, 8.13, -40.38
CIELCh	64, 41.192, 281.382
Yxy	33.2559, 0.2335, 0.2291
Android (android.graphics.Color)	4286290916 (0xFF7B9BE4)
YUV	153.7540, 36.6033, -26.9713
Hunter-Lab	57.6679, 3.9704, -39.8162

Details

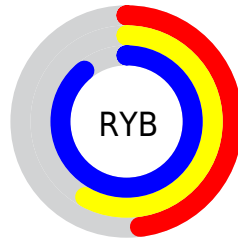
The YIQ color $153.7540, -42.5050, 15.9190$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $197.2460, 42.5050, -15.9190$, and the grayscale version is $153.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $205.5730, -32.0500, 8.1580$, and $100.3900, -44.4760, 13.0920$ is the 20% darker color. If you saturate the color by 10%, you get $137.4850, -51.8130, 19.4110$, and if you desaturate by 10%, it is $170.0230, -33.1970, 12.4270$.

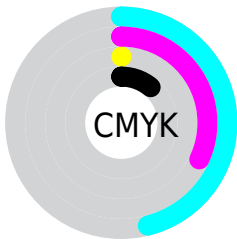
Distribution



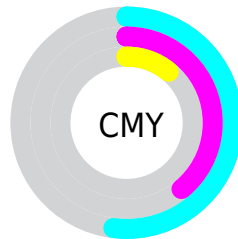
- Red (48%)
- Green (61%)
- Blue (89%)



- Red (48%)
- Yellow (58%)
- Blue (89%)



- Cyan (46%)
- Magenta (32%)
- Yellow (0%)
- Black (11%)



- Cyan (52%)
- Magenta (39%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 153.7540, -42.5050, 15.9190 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 153.7540, -42.5050, 15.9190 by changing the saturation by 10% instead.

■ 153.7540,
-42.5050, 15.9190

■ 153.7540,
-42.5050, 15.9190

■ 255.0000, -0.0000,
-0.0000

■ 126.9280,
-43.0550, 14.8730

■ 205.5730,
-32.0500, 8.1580

■ 100.3900,
-44.4760, 13.0920

■ 230.6800,
-22.4660, -0.3380

■ 73.6560, -48.2810,
10.4630

■ 249.9170,
-10.1320, -3.6040

■ 47.6120, -54.1490,
6.6750

■ 32.4350, -40.3490,
9.8830

■ 17.3720, -26.8700,
13.4020

■ 7.7060, -16.1870,

12.5250

■ 3.4370, -8.3000,
7.2520

■ 0.0000, 0.0000,
0.0000

■ 153.7540,
-42.5050, 15.9190

■ 153.7540,
-42.5050, 15.9190

■ 137.4850,
-51.8130, 19.4110

■ 170.0230,
-33.1970, 12.4270

■ 121.2160,
-61.1210, 22.9030

■ 186.2920,
-23.8890, 8.9350

■ 105.2460,
-69.8330, 26.6070

■ 202.2620,
-15.1770, 5.2310

■ 89.5640, -79.4160,
29.5760

■ 217.9440, -5.5940,
2.2620

■ 73.2950, -88.7240,
33.0680

■ 234.2130, 3.7140,
-1.2300

■ 67.0820, -92.4380,
34.2980

■ 248.9870, 10.0420,
-5.7820

■ 251.9220, 8.6670,
-8.3970

Harmonies

Analogous

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



134.7530, -94.6310, -8.5750



153.7540, -42.5050, 15.9190



160.0430, -0.4180, 29.6140

Triad

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



153.7540, -42.5050, 15.9190



156.2770, 59.5560, 10.9800



139.4970, -45.2010, -34.3610

Complementary

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



153.7540, -42.5050, 15.9190



197.2460, 42.5050, -15.9190

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.



147.2770, -3.4790, -30.5750



153.7540, -42.5050, 15.9190



154.7080, 50.2520, -7.6360

Square

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



153.7540, -42.5050, 15.9190



157.8380, 54.1430, 26.4870



151.4290, 28.5680, -22.1520



121.9910, -102.3740, -38.9660

Rectangle

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



153.7540, -42.5050, 15.9190



160.6560, 22.7810, 33.1890



151.4290, 28.5680, -22.1520



142.7500, -29.7960, -32.7080

Sweetspot

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



153.7540, -42.5050, 15.9190



229.5610, -14.5810, 5.4430



192.8430, -51.9870, -32.5230



112.0300, -8.7120, 3.7040



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.



153.7540, -42.5050, 15.9190



156.2010, -56.7650, 21.0510



140.6510, -22.3810, 36.6830



106.7160, -4.9520, 1.6400



52.1040, -72.3090, 27.4270



15.2060, -20.7710, 7.4930

Inverse Universe

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



158.0430, 52.3080, 32.2120



161.7620, 69.6370, 43.0530



210.3490, 22.3810, -36.6830



107.0440, 5.8680, 3.7880



59.6770, 89.3500, 54.7420



17.0730, 25.2600, 15.7880

Previews

White Background



This preview shows how the YIQ color 153.7540, -42.5050, 15.9190 looks on a white background.

Color Contrast Check

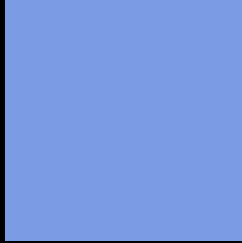
Large Text (above 18pt) WCAG AA × Fail

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 153.7540, -42.5050, 15.9190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

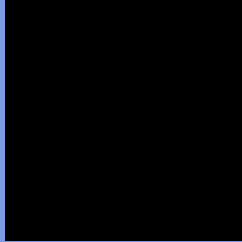
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 153.7540, -42.5050, 15.9190

Background



This preview shows how black text looks on a background with the YIQ color 153.7540, -42.5050, 15.9190.



This preview shows how white text looks on a background with the YIQ color 153.7540, -42.5050,

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

153.7540, -42.5050, 15.9190

Protanopia

155.0430, -35.9490, 18.2510

Deuteranopia

153.7650, -41.0380, 16.8660



Tritanopia

149.7380, -37.5490, -7.8290

Trichromacy



Original Color

153.7540, -42.5050, 15.9190

Protanomaly

154.8470, -38.3330, 17.4030

Deuteranomaly

153.4660, -41.6340, 16.6540

Tritanomaly

150.9370, -39.2470, 0.9210

Monochromacy



Original Color

153.7540, -42.5050, 15.9190

Achromatopsia

154.0000, -0.0000, -0.0000

Achromatomaly

153.7890, -15.2230, 6.0650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 153.7540, -42.5050, 15.9190 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, 155, 228)` looks like.

```
.text, #text, p{  
    color:rgb(123, 155, 228)  
}
```

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, 155, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 155, 228) }
```

Border

The CSS property to change the border of an element to YIQ 153.7540, -42.5050, 15.9190 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, 155, 228) }
```


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

```
.border{ border-color:rgb(123, 155, 228) }
```

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

Here you see how a box with a 4 pixel rgb(123, 155, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 155, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 155, 228);  
box-shadow:4px 4px 4px 4px rgb(123, 155,  
228) }
```

Background

The CSS property to change the background color of an element to YIQ 153.7540, -42.5050, 15.9190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 155, 228) }
```

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

```
.background{ background-color: rgb(123,  
155, 228) }
```

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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