

Converting Colors

YIQ(122.8920, -7.8430, 15.4930)

Have a look what the booklet for
YIQ(122.8920, -7.8430, 15.4930)
contains.

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Color

**YIQ(122.8920, -7.8430,
15.4930)**

Conversions

Conversions Part 1

Format	Color
Hex	7D739E
RGB	125, 115, 158
RGB Percent	49%, 45%, 62%
CMY	0.5097, 0.5490, 0.3805
CMYK	0.21, 0.27, 0.00, 0.38
HSL	254°, 18%, 54%
HSV	254°, 27%, 62%
XYZ	20.7597, 19.0895, 34.9308
YIQ	122.8920, -7.8430, 15.4930

Conversions

Conversions Part 2

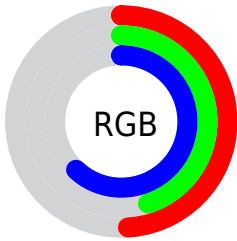
Format	Color
R_{YB}	125, 115, 158
Decimal	8221598
CIE _{Lab}	50.79, 13.22, -21.76
CIE _{LCh}	51, 25.456, 301.283
Yxy	19.0895, 0.2776, 0.2553
Android (android.graphics.Color)	4286411678 (0xFF7D739E)
YUV	122.8920, 17.3082, 1.8487
Hunter-Lab	43.6916, 8.3527, -16.8175

Details

The YIQ color $122.8920, -7.8430, 15.4930$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $150.1080, 7.8430, -15.4930$, and the grayscale version is $123.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $175.5330, -8.2100, 16.6380$, and $73.8380, -7.7510, 13.8250$ is the 20% darker color. If you saturate the color by 10%, you get $109.9120, -10.5950, 21.3170$, and if you desaturate by 10%, it is $135.8720, -5.0910, 9.6690$.

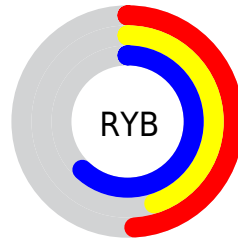
Distribution



Red (49%)

Green (45%)

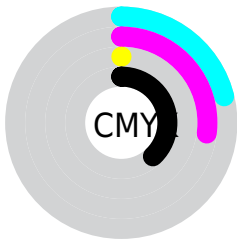
Blue (62%)



Red (49%)

Yellow (45%)

Blue (62%)

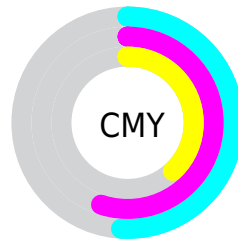


Cyan (21%)

Magenta (27%)

Yellow (0%)

Black (38%)



Cyan (51%)

Magenta (55%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.8920, -7.8430, 15.4930 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 122.8920, -7.8430, 15.4930 by changing the saturation by 10% instead.

■ 122.8920, -7.8430,
15.4930

■ 122.8920, -7.8430,
15.4930

■ 255.0000, -0.0000,
-0.0000

■ 97.7780, -7.5220,
15.1820

■ 175.5330, -8.2100,
16.6380

■ 73.8380, -7.7510,
13.8250

■ 202.9460, -7.9350,
17.1610

■ 51.3110, -7.7050,
12.9910

■ 229.3500, -3.4410,
12.8070

■ 29.4850, -8.2550,
11.9450

■ 252.6520, 1.1000,
2.0920

■ 7.2080, -5.9170,
13.6270

■ 2.1830, -4.7690,
3.8310

■ 0.0000, 0.0000,

0.0000

■ 122.8920, -7.8430,
15.4930

■ 122.8920, -7.8430,
15.4930

■ 109.9120,
-10.5950, 21.3170

■ 135.8720, -5.0910,
9.6690

■ 96.9320, -13.3470,
27.1410

■ 148.8520, -2.3390,
3.8450

■ 84.5390, -16.3740,
32.4420

■ 161.2450, 0.6880,
-1.4560

■ 71.5590, -19.1260,
38.2660

■ 174.2250, 3.4400,
-7.2800

■ 58.2800, -22.4740,
43.8780

■ 187.5040, 6.7880,
-12.8920

■ 45.3000, -25.2260,
49.7020

■ 200.4840, 9.5400,
-18.7160

■ 32.3200, -27.9780,
55.5260

■ 213.4640, 12.2920,
-24.5400

■ 29.0750, -28.6660,
56.9820

■ 225.8570, 15.3190,
-29.8410

■ 237.6630, 18.6210,
-34.6190

Harmonies

Analogous

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



118.7040, -31.0410, 6.3910



122.8920, -7.8430, 15.4930



124.1350, 13.5220, 19.2660

Triad

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



122.8920, -7.8430, 15.4930



121.0670, 33.4240, -0.0160



110.1040, -39.0600, -18.9960

Complementary

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



122.8920, -7.8430, 15.4930



150.1080, 7.8430, -15.4930

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.



113.8970, -16.5480, -19.4920



122.8920, -7.8430, 15.4930



119.5830, 22.7430, -10.1930

Square

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



122.8920, -7.8430, 15.4930



122.2450, 36.2190, 9.9070



116.9120, 5.4590, -16.3410



107.5400, -54.7870, -14.8110

Rectangle

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



122.8920, -7.8430, 15.4930



123.7680, 24.8010, 18.6010



116.9120, 5.4590, -16.3410



111.1110, -31.7700, -18.9540

Sweetspot

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



122.8920, -7.8430, 15.4930



193.1340, -3.0730, 6.1350



139.8600, -23.1530, -4.4090



96.1510, -1.7430, 4.0570



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



122.8920, -7.8430, 15.4930



150.6500, -12.6130, 24.8510



129.1710, 4.6730, 19.9450



72.5100, -1.3760, 2.9120



26.1690, -26.2350, 51.4690



2.9060, -2.4310, 5.5130

Inverse Universe

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



131.6190, 15.0350, 19.3790



164.6730, 24.1110, 31.1110



143.8290, -4.6730, -19.9450



74.0760, 2.8420, 3.5620



55.2970, 49.9180, 64.5260



5.8530, 5.0880, 6.9120

Previews

White Background



This preview shows how the YIQ color 122.8920, -7.8430, 15.4930 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 122.8920, -7.8430, 15.4930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

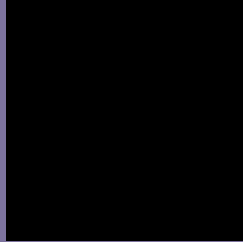
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 122.8920, -7.8430, 15.4930

Background



This preview shows how black text looks on a background with the YIQ color 122.8920, -7.8430, 15.4930.



This preview shows how white text looks on a background with the YIQ color 122.8920, -7.8430,

15.4930.

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

122.8920, -7.8430, 15.4930

Protanopia

120.7980, -19.4420, 10.9420

Deuteranopia

121.5380, -15.7740, 10.5460



Tritanopia

121.1400, -3.2100, 3.1100

Trichromacy



Original Color

122.8920, -7.8430, 15.4930

Protanomaly

121.8910, -15.2700, 12.4260

Deuteranomaly

122.1470, -13.1150, 11.9170

Tritanomaly

121.7040, -4.6780, 7.6900

Monochromacy



Original Color

122.8920, -7.8430, 15.4930

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

123.0200, -2.7520, 5.8240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.8920, -7.8430, 15.4930 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(125, 115, 158)` looks like.

```
.text, #text, p{  
    color:rgb(125, 115, 158)  
}
```

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(125, 115, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 115, 158) }
```

Border

The CSS property to change the border of an element to YIQ 122.8920, -7.8430, 15.4930 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(125, 115, 158) }
```


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

```
.border{ border-color:rgb(125, 115, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 115, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 115, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 115, 158);  
box-shadow:4px 4px 4px 4px rgb(125, 115,  
158) }
```

Background

The CSS property to change the background color of an element to YIQ 122.8920, -7.8430, 15.4930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 115, 158) }
```

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

```
.background{ background-color: rgb(125,  
115, 158) }
```

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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