

# Converting Colors

YIQ(121.2520, -9.2170, 7.3510)

Have a look what the booklet for  
YIQ(121.2520, -9.2170, 7.3510)  
contains.

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# Color

**YIQ(121.2520, -9.2170,  
7.3510)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	757790
RGB	117, 119, 144
RGB Percent	46%, 47%, 56%
CMY	0.5412, 0.5333, 0.4353
CMYK	0.19, 0.17, 0.00, 0.44
HSL	236°, 11%, 51%
HSV	236°, 19%, 56%
XYZ	18.9664, 18.9891, 29.0455
YIQ	121.2520, -9.2170, 7.3510

# Conversions

## Conversions Part 2

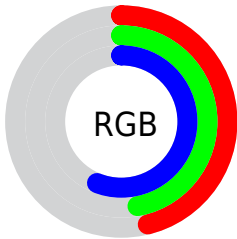
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 119, 144
Decimal	7698320
CIE <sub>Lab</sub>	50.67, 4.79, -13.79
CIE <sub>LCh</sub>	51, 14.599, 289.157
Yxy	18.9891, 0.2831, 0.2834
Android (android.graphics.Color)	4285888400 (0xFF757790)
YUV	121.2520, 11.2148, -3.7290
Hunter-Lab	43.5765, 1.4319, -9.0155

# Details

The YIQ color **121.2520, -9.2170, 7.3510** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **139.7480, 9.2170, -7.3510**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **173.4800, -9.8590, 7.9730**, and **72.7250, -9.1710, 6.5170** is the 20% darker color. If you saturate the color by 10%, you get **109.4350, -13.9860, 11.1820**, and if you desaturate by 10%, it is **133.0690, -4.4480, 3.5200**.

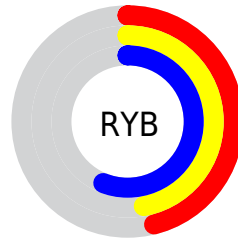
# Distribution



Red (46%)

Green (47%)

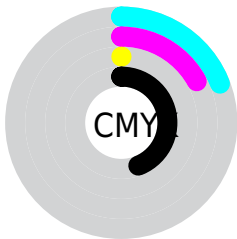
Blue (56%)



Red (46%)

Yellow (47%)

Blue (56%)

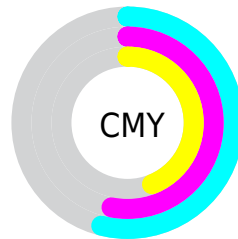


Cyan (19%)

Magenta (17%)

Yellow (0%)

Black (44%)



Cyan (54%)

Magenta (53%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 121.2520, -9.2170, 7.3510 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 121.2520, -9.2170, 7.3510 by changing the saturation by 10% instead.



■ 121.2520, -9.2170,  
7.3510

■ 121.2520, -9.2170,  
7.3510

■ 255.0000, -0.0000,  
-0.0000

■ 96.1380, -8.8960,  
7.0400

■ 173.4800, -9.8590,  
7.9730

■ 72.7250, -9.1710,  
6.5170

■ 200.8930, -9.5840,  
8.4960

■ 49.9100, -8.2540,  
6.4180

■ 229.0070, -9.9050,  
8.8070

■ 28.9700, -8.4830,  
5.0610

■ 254.4020, -1.1920,  
-0.4240

■ 3.0780, -8.6670,  
8.3970

■ 0.0000, 0.0000,  
0.0000

■ 121.2520, -9.2170,  
7.3510

■ 121.2520, -9.2170,  
7.3510

■ 109.4350,  
-13.9860, 11.1820

■ 133.0690, -4.4480,  
3.5200

■ 96.7320, -19.0760,  
15.3240

■ 145.7720, 0.6420,  
-0.6220

■ 84.9150, -23.8450,  
19.1550

■ 157.5890, 5.4110,  
-4.4530

■ 72.7990, -29.2100,  
22.7740

■ 169.7050, 10.7760,  
-8.0720

■ 60.3950, -33.7040,  
27.1280

■ 182.1090, 15.2700,  
-12.4260

■ 48.5780, -38.4730,  
30.9590

■ 193.9260, 20.0390,  
-16.2570

■ 36.4620, -43.8380,  
34.5780

■ 206.0420, 25.4040,  
-19.8760

■ 24.0580, -48.3320,

■ 218.4460, 29.8980,

38.9320

-24.2300

■ 22.8730, -49.2490,  
39.0310

■ 230.5620, 35.2630,  
-27.8490

# Harmonies

## Analogous

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



118.9300, -20.1740, 2.1780



121.2520, -9.2170, 7.3510



122.5910, 3.0700, 10.4460

# Triad

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



121.2520, -9.2170, 7.3510



121.6020, 21.7320, 2.6280



116.7650, -15.8160, -10.7280

# Complementary

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



121.2520, -9.2170, 7.3510



139.7480, 9.2170, -7.3510

# 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.



118.1100, -3.6660, -10.6580



121.2520, -9.2170, 7.3510



120.5750, 17.1940, -3.2380

# Square

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



121.2520, -9.2170, 7.3510



122.5790, 20.5390, 7.7310



119.1500, 8.0250, -7.7750



115.7410, -24.4360, -8.6920



# Rectangle

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



121.2520, -9.2170, 7.3510



123.0110, 10.6350, 11.0110



119.1500, 8.0250, -7.7750



116.8040, -11.5520, -10.9120

# Sweetspot

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



121.2520, -9.2170, 7.3510



176.8410, -3.8060, 2.8980



135.6990, -15.4500, -6.3460



88.6840, -1.9260, 1.8660



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000



# Same Dimension

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



121.2520, -9.2170, 7.3510



151.4350, -13.9860, 11.1820



123.3670, -2.1110, 10.7290



65.3850, -2.5220, 1.6540



21.2600, -46.0850, 36.7550



1.4990, -2.8430, 1.9650



# Inverse Universe

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



125.3010, 15.4500, 6.3460



157.6010, 23.4730, 9.6250



137.6330, 2.1110, -10.7290



66.2070, 3.8510, 1.7950



41.5050, 77.2500, 31.7300



2.5060, 4.4470, 2.0070



# Previews

## White Background



This preview shows how the YIQ color 121.2520, -9.2170, 7.3510 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 121.2520, -9.2170, 7.3510 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

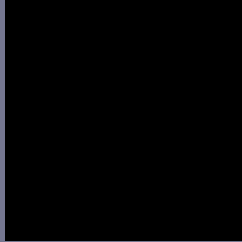
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 121.2520, -9.2170, 7.3510

## Background



This preview shows how black text looks on a background with the YIQ color 121.2520, -9.2170, 7.3510.



This preview shows how white text looks on a background with the YIQ color 121.2520, -9.2170,



# 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

121.2520, -9.2170, 7.3510

### Protanopia

120.6540, -10.4090, 6.9270

### Deuteranopia

121.8610, -6.5580, 8.7220



## Tritanopia

120.3460, -6.7860, 1.8380

# Trichromacy



## Original Color

121.2520, -9.2170, 7.3510

## Protanomaly

120.9530, -9.8130, 7.1390

## Deuteranomaly

121.5620, -7.1540, 8.5100

## Tritanomaly

120.6280, -7.5200, 4.1280

# Monochromacy



## Original Color

121.2520, -9.2170, 7.3510

## Achromatopsia

121.0000, -0.0000, 0.0000

## Achromatomaly

121.0260, -2.8890, 2.7990

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 121.2520, -9.2170, 7.3510 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(117, 119, 144)` looks like.

```
.text, #text, p{  
    color:rgb(117, 119, 144)  
}
```

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(117, 119, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 119, 144) }
```

## Border

The CSS property to change the border of an element to YIQ 121.2520, -9.2170, 7.3510 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(117, 119, 144) }
```



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

```
.border{ border-color:rgb(117, 119, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 119, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 119, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 119, 144); box-shadow:4px 4px 4px 4px rgb(117, 119, 144) }
```

# Background

The CSS property to change the background color of an element to YIQ 121.2520, -9.2170, 7.3510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 119, 144) }
```

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

```
.background{ background-color: rgb(117,  
119, 144) }
```

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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