

Converting Colors

YIQ(121.5440, -6.7430, 17.5850)

Have a look what the booklet for
YIQ(121.5440, -6.7430, 17.5850)
contains.

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Color

**YIQ(121.5440, -6.7430,
17.5850)**

Conversions

Conversions Part 1

Format	Color
Hex	7E709F
RGB	126, 112, 159
RGB Percent	49%, 44%, 62%
CMY	0.5058, 0.5608, 0.3765
CMYK	0.21, 0.30, 0.00, 0.38
HSL	258°, 20%, 53%
HSV	258°, 30%, 62%
XYZ	20.6567, 18.5265, 35.2808
YIQ	121.5440, -6.7430, 17.5850

Conversions

Conversions Part 2

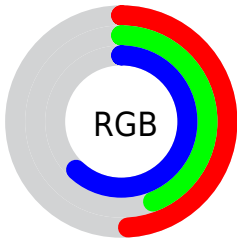
Format	Color
R_{YB}	126, 112, 159
Decimal	8286367
CIE Lab	50.13, 15.58, -23.35
CIE LCh	50, 28.073, 303.704
Yxy	18.5265, 0.2774, 0.2488
Android (android.graphics.Color)	4286476447 (0xFF7E709F)
YUV	121.5440, 18.4658, 3.9079
Hunter-Lab	43.0425, 10.3403, -18.4688

Details

The YIQ color $121.5440, -6.7430, 17.5850$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $149.4560, 6.7430, -17.5850$, and the grayscale version is $121.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $174.1850, -7.1100, 18.7300$, and $72.4900, -6.6510, 15.9170$ is the 20% darker color. If you saturate the color by 10%, you get $108.8630, -8.8990, 23.6210$, and if you desaturate by 10%, it is $134.2250, -4.5870, 11.5490$.

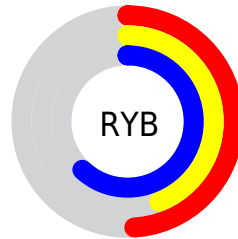
Distribution



Red (49%)

Green (44%)

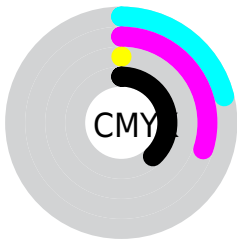
Blue (62%)



Red (49%)

Yellow (44%)

Blue (62%)

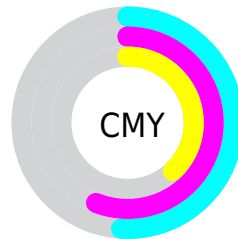


Cyan (21%)

Magenta (30%)

Yellow (0%)

Black (38%)



Cyan (51%)

Magenta (56%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.5440, -6.7430, 17.5850 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 121.5440, -6.7430, 17.5850 by changing the saturation by 10% instead.

■ 121.5440, -6.7430,
17.5850

■ 121.5440, -6.7430,
17.5850

■ 255.0000, -0.0000,
-0.0000

■ 97.0170, -6.6970,
16.7510

■ 174.1850, -7.1100,
18.7300

■ 72.4900, -6.6510,
15.9170

■ 201.5980, -6.8350,
19.2530

■ 49.6640, -7.2010,
14.8710

■ 227.8880, -2.0200,
14.5880

■ 28.1370, -7.1550,
14.0370

■ 250.3040, 2.2000,
4.1840

■ 7.6210, -5.6420,
14.1500

■ 2.2970, -5.0900,
4.1420

■ 0.0000, 0.0000,

0.0000

■ 121.5440, -6.7430,
17.5850

■ 121.5440, -6.7430,
17.5850

■ 108.8630, -8.8990,
23.6210

■ 134.2250, -4.5870,
11.5490

■ 96.1820, -11.0550,
29.6570

■ 146.9060, -2.4310,
5.5130

■ 83.5010, -13.2110,
35.6930

■ 159.5870, -0.2750,
-0.5230

■ 70.5210, -15.9630,
41.5170

■ 172.5670, 2.4770,
-6.3470

■ 58.4270, -18.3940,
47.0300

■ 184.6610, 4.9080,
-11.8600

■ 45.7460, -20.5500,
53.0660

■ 197.3420, 7.0640,
-17.8960

■ 33.0650, -22.7060,
59.1020

■ 210.0230, 9.2200,
-23.9320

■ 32.1790, -23.0270,
59.4130

■ 222.7040, 11.3760,
-29.9680

■ 235.3850, 13.5320,
-36.0040

Harmonies

Analogous

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



116.9750, -33.2420, 7.7340



121.5440, -6.7430, 17.5850



122.5700, 16.7310, 21.6830

Triad

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



121.5440, -6.7430, 17.5850



119.3830, 35.3500, -1.8820



105.4450, -47.4500, -21.1300

Complementary

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



121.5440, -6.7430, 17.5850



149.4560, 6.7430, -17.5850

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.



110.6900, -20.3990, -21.2870



121.5440, -6.7430, 17.5850



117.4150, 23.1560, -12.1720

Square

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



121.5440, -6.7430, 17.5850



120.2130, 39.2450, 10.1330



114.9610, 3.7630, -18.6450



100.6030, -68.2660, -18.3300

Rectangle

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



121.5440, -6.7430, 17.5850



121.9750, 28.6520, 20.3960



114.9610, 3.7630, -18.6450



107.4090, -38.6010, -21.8090

Sweetspot

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



121.5440, -6.7430, 17.5850



191.9600, -2.5230, 7.1810



137.3160, -24.4370, -3.1650



95.2650, -2.0640, 4.3680



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.



121.5440, -6.7430, 17.5850



148.9000, -10.3210, 27.3670



128.4210, 6.9650, 22.4610



72.8090, -0.7800, 3.1240



29.1590, -20.2750, 53.5890



3.2050, -1.8350, 5.7250

Inverse Universe

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



129.8150, 17.4190, 20.2270



161.6410, 27.1370, 31.3370



142.5790, -6.9650, -22.4610



74.0760, 2.8420, 3.5620



54.1570, 53.1280, 61.4160



5.7390, 5.4090, 6.6010

Previews

White Background



This preview shows how the YIQ color 121.5440, -6.7430, 17.5850 looks on a white background.

Color Contrast Check

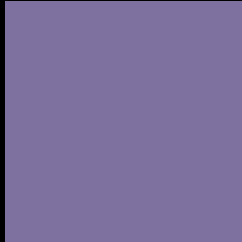
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.5440, -6.7430, 17.5850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

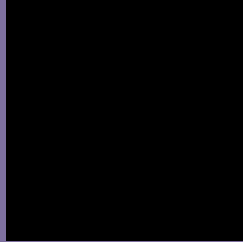
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 121.5440, -6.7430, 17.5850

Background



This preview shows how black text looks on a background with the YIQ color 121.5440, -6.7430, 17.5850.



This preview shows how white text looks on a background with the YIQ color 121.5440, -6.7430,

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

121.5440, -6.7430, 17.5850

Protanopia

119.5420, -21.5970, 11.4510

Deuteranopia

119.5810, -17.3330, 11.2670



Tritanopia

119.6240, -1.6970, 3.2230

Trichromacy



Original Color

121.5440, -6.7430, 17.5850

Protanomaly

120.3470, -16.5540, 13.6700

Deuteranomaly

120.2010, -13.2070, 13.5850

Tritanomaly

120.4160, -3.8070, 8.4250

Monochromacy



Original Color

121.5440, -6.7430, 17.5850

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

121.4330, -2.4770, 6.3470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.5440, -6.7430, 17.5850 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(126, 112, 159)` looks like.

```
.text, #text, p{  
    color:rgb(126, 112, 159)  
}
```

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(126, 112, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 112, 159) }
```

Border

The CSS property to change the border of an element to YIQ 121.5440, -6.7430, 17.5850 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(126, 112, 159) }
```


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

```
.border{ border-color:rgb(126, 112, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 112, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 112, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 112, 159);  
box-shadow:4px 4px 4px 4px rgb(126, 112,  
159) }
```

Background

The CSS property to change the background color of an element to YIQ 121.5440, -6.7430, 17.5850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 112, 159) }
```

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

```
.background{ background-color: rgb(126,  
112, 159) }
```

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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