

Converting Colors

YIQ(121.5860, -7.7020, -3.5900)

Have a look what the booklet for
YIQ(121.5860, -7.7020, -3.5900)
contains.

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Color

**YIQ(121.5860, -7.7020,
-3.5900)**

Conversions

Conversions Part 1

Format	Color
Hex	707E7C
RGB	112, 126, 124
RGB Percent	44%, 49%, 49%
CMY	0.5608, 0.5058, 0.5138
CMYK	0.11, 0.00, 0.02, 0.51
HSL	171°, 6%, 47%
HSV	171°, 11%, 49%
XYZ	17.7802, 19.8224, 21.9553
YIQ	121.5860, -7.7020, -3.5900

Conversions

Conversions Part 2

Format	Color
R_{YB}	112, 120, 126
Decimal	7372412
CIE Lab	51.64, -5.58, -0.67
CIE LCh	52, 5.615, 186.815
Yxy	19.8224, 0.2985, 0.3328
Android (android.graphics.Color)	4285562492 (0xFF707E7C)
YUV	121.5860, 1.1901, -8.4069
Hunter-Lab	44.5224, -6.6295, 1.9280

Details

The YIQ color $121.5860, -7.7020, -3.5900$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $116.4140, 7.7020, 3.5900$, and the grayscale version is $122.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $174.1730, -7.9770, -4.1130$, and $72.8850, -7.1060, -3.3780$ is the 20% darker color. If you saturate the color by 10%, you get $117.4710, -14.8080, -6.9680$, and if you desaturate by 10%, it is $125.7010, -0.5960, -0.2120$.

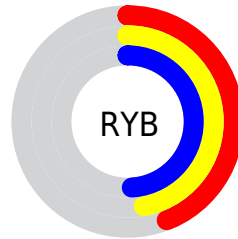
Distribution



Red (44%)

Green (49%)

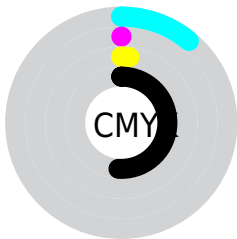
Blue (49%)



Red (44%)

Yellow (47%)

Blue (49%)

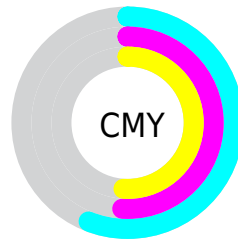


Cyan (11%)

Magenta (0%)

Yellow (2%)

Black (51%)



Cyan (56%)

Magenta (51%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.5860, -7.7020, -3.5900 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 121.5860, -7.7020, -3.5900 by changing the saturation by 10% instead.

■ 121.5860, -7.7020,
-3.5900

■ 121.5860, -7.7020,
-3.5900

■ 255.0000, -0.0000,
-0.0000

■ 96.5860, -7.7020,
-3.5900

■ 174.1730, -7.9770,
-4.1130

■ 72.8850, -7.1060,
-3.3780

■ 201.2870, -8.2980,
-3.8020

■ 50.2980, -6.8310,
-2.8550

■ 229.2870, -8.2980,
-3.8020

■ 29.2980, -6.8310,
-2.8550

■ 252.6080, -4.7680,
-1.6960

■ 6.6680, -4.9970,
-3.0530

■ 0.0000, 0.0000,
0.0000

■ 121.5860, -7.7020,
-3.5900

■ 121.5860, -7.7020,
-3.5900

■ 117.4710,
-14.8080, -6.9680

■ 125.7010, -0.5960,
-0.2120

■ 113.6550,
-21.3180, -10.1340

■ 129.5170, 5.9140,
2.9540

■ 109.6540,
-28.7450, -13.2010

■ 133.5180, 13.3410,
6.0210

■ 105.8380,
-35.2550, -16.3670

■ 137.3340, 19.8510,
9.1870

■ 101.7230,
-42.3610, -19.7450

■ 141.4490, 26.9570,
12.5650

■ 97.6080, -49.4670,
-23.1230

■ 145.5640, 34.0630,
15.9430

■ 93.7920, -55.9770,
-26.2890

■ 149.3800, 40.5730,
19.1090

■ 89.6770, -63.0830,

■ 153.3810, 48.0000,

-29.6670

22.1760

■ 86.2740, -69.3180,
-32.3100

■ 157.1970, 54.5100,
25.3420

Harmonies

Analogous

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



121.9130, -4.3090, -4.5090



121.5860, -7.7020, -3.5900



122.1560, -9.3070, -2.0350

Triad

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



121.5860, -7.7020, -3.5900



123.9230, -1.1010, 3.4350



123.7790, 7.9320, -0.5800

Complementary

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



121.5860, -7.7020, -3.5900



116.4140, 7.7020, 3.5900

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.



123.5450, 8.7110, 1.8230



121.5860, -7.7020, -3.5900



123.7880, 3.7130, 4.2970

Square

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



121.5860, -7.7020, -3.5900



123.1290, -4.6770, 2.1630



124.1150, 7.1060, 3.3780



122.8710, 4.6770, -2.1630

Rectangle

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



121.5860, -7.7020, -3.5900



122.0960, -9.0780, -0.6780



124.1150, 7.1060, 3.3780



123.6050, 8.4820, 0.4660

Sweetspot

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



121.5860, -7.7020, -3.5900



161.3910, -2.6590, -1.3710



120.8160, -2.6580, -6.8980



80.6900, -2.0630, -1.1590



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



121.5860, -7.7020, -3.5900



156.3790, -11.5530, -5.3850



118.8790, -6.9690, -0.3530



61.7930, -3.8510, -1.7950



87.5620, -70.1890, -33.0450



0.0000, 0.0000, 0.0000

Inverse Universe

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



116.4140, 7.7020, 3.5900



148.6210, 11.5530, 5.3850



119.1210, 6.9690, 0.3530



59.2070, 3.8510, 1.7950



40.3240, 70.5100, 32.7340



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 121.5860, -7.7020, -3.5900 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 121.5860, -7.7020, -3.5900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

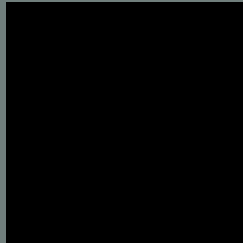
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

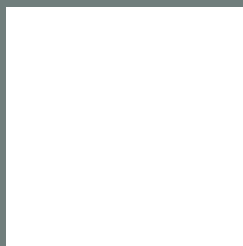
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 121.5860, -7.7020, -3.5900

Background



This preview shows how black text looks on a background with the YIQ color 121.5860, -7.7020, -3.5900.



This preview shows how white text looks on a background with the YIQ color 121.5860, -7.7020,

-3.5900.

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

121.5860, -7.7020, -3.5900

Protanopia

122.8970, 1.7880, 0.6360

Deuteranopia

124.1690, 7.0140, 5.0460



Tritanopia

122.1500, -9.1700, 0.9900

Trichromacy



Original Color

121.5860, -7.7020, -3.5900

Protanomaly

122.1030, -1.7880, -0.6360

Deuteranomaly

123.5380, 1.4210, 1.7810

Tritanomaly

121.9820, -8.7570, -0.9890

Monochromacy



Original Color

121.5860, -7.7020, -3.5900

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

121.5050, -2.9800, -1.0600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.5860, -7.7020, -3.5900 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(112, 126, 124)` looks like.

```
.text, #text, p{  
    color:rgb(112, 126, 124)  
}
```

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(112, 126, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 126, 124) }
```

Border

The CSS property to change the border of an element to YIQ 121.5860, -7.7020, -3.5900 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(112, 126, 124) }
```


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

```
.border{ border-color:rgb(112, 126, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 126, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 126, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 126, 124);  
box-shadow:4px 4px 4px 4px rgb(112, 126,  
124) }
```

Background

The CSS property to change the background color of an element to YIQ 121.5860, -7.7020, -3.5900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 126, 124) }
```

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

```
.background{ background-color: rgb(112,  
126, 124) }
```

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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