

Converting Colors

YIQ(121.3470, -8.5270, -5.1590)

Have a look what the booklet for
YIQ(121.3470, -8.5270, -5.1590)
contains.

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Color

**YIQ(121.3470, -8.5270,
-5.1590)**

Conversions

Conversions Part 1

Format	Color
Hex	6E7F7A
RGB	110, 127, 122
RGB Percent	43%, 50%, 48%
CMY	0.5687, 0.5019, 0.5216
CMYK	0.13, 0.00, 0.04, 0.50
HSL	162°, 7%, 46%
HSV	162°, 13%, 50%
XYZ	17.5317, 19.8998, 21.3269
YIQ	121.3470, -8.5270, -5.1590

Conversions

Conversions Part 2

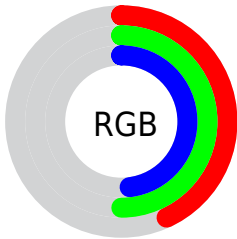
Format	Color
R_{YB}	110, 120, 127
Decimal	7241594
CIE _{Lab}	51.72, -7.29, 0.62
CIE _{LCh}	52, 7.319, 175.179
Yxy	19.8998, 0.2984, 0.3387
Android (android.graphics.Color)	4285431674 (0xFF6E7F7A)
YUV	121.3470, 0.3219, -9.9513
Hunter-Lab	44.6092, -7.9145, 2.8809

Details

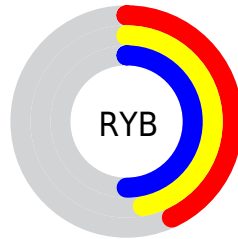
The YIQ color $[121.3470, -8.5270, -5.1590]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[115.6530, 8.5270, 5.1590]$, and the grayscale version is $[121.0000, -0.0000, 0.0000]$.

A 20% lighter version of the original color is $[173.9340, -8.8020, -5.6820]$, and $[72.6460, -7.9310, -4.9470]$ is the 20% darker color. If you saturate the color by 10%, you get $[117.0040, -14.9910, -9.1590]$, and if you desaturate by 10%, it is $[125.6900, -2.0630, -1.1590]$.

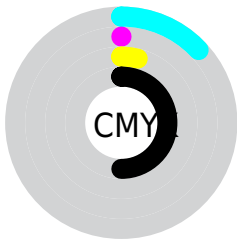
Distribution



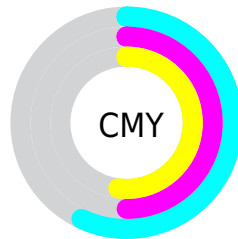
- Red (43%)
- Green (50%)
- Blue (48%)



- Red (43%)
- Yellow (47%)
- Blue (50%)



- Cyan (13%)
- Magenta (0%)
- Yellow (4%)
- Black (50%)



- Cyan (57%)
- Magenta (50%)
- Yellow (52%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.3470, -8.5270, -5.1590 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 121.3470, -8.5270, -5.1590 by changing the saturation by 10% instead.

■ 121.3470, -8.5270,
-5.1590

■ 121.3470, -8.5270,
-5.1590

■ 255.0000, -0.0000,
-0.0000

■ 96.6460, -7.9310,
-4.9470

■ 173.9340, -8.8020,
-5.6820

■ 72.6460, -7.9310,
-4.9470

■ 201.0480, -9.1230,
-5.3710

■ 50.0590, -7.6560,
-4.4240

■ 229.0480, -9.1230,
-5.3710

■ 29.0590, -7.6560,
-4.4240

■ 252.0100, -5.9600,
-2.1200

■ 7.5000, -4.5840,
-5.0320

■ 0.0000, 0.0000,
0.0000

■ 121.3470, -8.5270,
-5.1590

■ 121.3470, -8.5270,
-5.1590

■ 117.0040,
-14.9910, -9.1590

■ 125.6900, -2.0630,
-1.1590

■ 113.0740,
-21.1800, -12.6360

■ 129.6200, 4.1260,
2.3180

■ 108.7310,
-27.6440, -16.6360

■ 133.9630, 10.5900,
6.3180

■ 104.3880,
-34.1080, -20.6360

■ 138.3060, 17.0540,
10.3180

■ 100.0450,
-40.5720, -24.6360

■ 142.3500, 22.9220,
14.1060

■ 96.1150, -46.7610,
-28.1130

■ 146.5790, 29.7070,
17.7950

■ 91.7720, -53.2250,
-32.1130


■ 150.9220, 36.1710,
21.7950


■ 87.4290, -59.6890,

■ 155.2650, 42.6350,

-36.1130

25.7950

 84.8090, -63.8150,
-38.4310

 159.3090, 48.5030,
29.5830

Harmonies

Analogous

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



121.8700, -2.7500, -5.2300



121.3470, -8.5270, -5.1590



121.4330, -11.6450, -3.7170

Triad

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



121.3470, -8.5270, -5.1590



123.7810, -3.5770, 4.2550



124.2740, 10.9120, 0.4800

Complementary

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



121.3470, -8.5270, -5.1590



115.6530, 8.5270, 5.1590

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.



124.2680, 11.0490, 3.5050



121.3470, -8.5270, -5.1590



124.5430, 3.0250, 5.7530

Square

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



121.3470, -8.5270, -5.1590



122.9760, -8.6200, 2.0360



124.7670, 8.2060, 5.4700



123.1380, 8.2990, -1.7250

Rectangle

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



121.3470, -8.5270, -5.1590



121.6010, -12.0580, -1.7380



124.7670, 8.2060, 5.4700



124.2140, 11.1410, 1.8370

Sweetspot

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



121.3470, -8.5270, -5.1590



163.6790, -3.5300, -2.1060



121.4740, -1.6950, -7.8310



82.6900, -2.0630, -1.1590



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



121.3470, -8.5270, -5.1590



157.0150, -13.5240, -8.2120



120.1560, -9.3070, -2.0350



61.6790, -3.5300, -2.1060



85.3960, -64.0900, -38.9540



0.0000, 0.0000, 0.0000

Inverse Universe

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



115.6530, 8.5270, 5.1590



147.9850, 13.5240, 8.2120



116.8440, 9.3070, 2.0350



59.3210, 3.5300, 2.1060



42.6040, 64.0900, 38.9540



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 121.3470, -8.5270, -5.1590 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 121.3470, -8.5270, -5.1590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

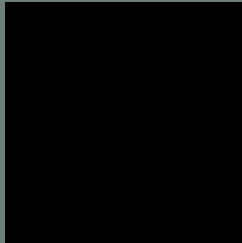
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

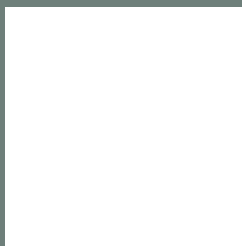
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 121.3470, -8.5270, -5.1590

Background



This preview shows how black text looks on a background with the YIQ color 121.3470, -8.5270, -5.1590.



This preview shows how white text looks on a background with the YIQ color 121.3470, -8.5270,

-5.1590.

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

121.3470, -8.5270, -5.1590

Protanopia

123.4410, 3.0720, -0.6080

Deuteranopia

124.3540, 7.9310, 4.9470



Tritanopia

122.2530, -10.9580, 0.3540

Trichromacy



Original Color

121.3470, -8.5270, -5.1590

Protanomaly

122.3480, -1.1000, -2.0920

Deuteranomaly

123.3100, 2.0630, 1.1590

Tritanomaly

121.9710, -10.2240, -1.9360

Monochromacy



Original Color

121.3470, -8.5270, -5.1590

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

120.9780, -2.9340, -1.8940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.3470, -8.5270, -5.1590 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(110, 127, 122)` looks like.

```
.text, #text, p{  
    color:rgb(110, 127, 122)  
}
```

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(110, 127, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 127, 122) }
```

Border

The CSS property to change the border of an element to YIQ 121.3470, -8.5270, -5.1590 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(110, 127, 122) }
```


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

```
.border{ border-color:rgb(110, 127, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 127, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 127, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 127, 122);  
box-shadow:4px 4px 4px 4px rgb(110, 127,  
122) }
```

Background

The CSS property to change the background color of an element to YIQ 121.3470, -8.5270, -5.1590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 127, 122) }
```

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

```
.background{ background-color: rgb(110,  
127, 122) }
```

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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