

Converting Colors

YIQ(121.1620, -0.2760, 5.0040)

Have a look what the booklet for
YIQ(121.1620, -0.2760, 5.0040)
contains.

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Color

**YIQ(121.1620, -0.2760,
5.0040)**

Conversions

Conversions Part 1

Format	Color
Hex	7C7682
RGB	124, 118, 130
RGB Percent	49%, 46%, 51%
CMY	0.5137, 0.5373, 0.4902
CMYK	0.05, 0.09, 0.00, 0.49
HSL	270°, 5%, 49%
HSV	270°, 9%, 51%
XYZ	18.8202, 18.8534, 23.7653
YIQ	121.1620, -0.2760, 5.0040

Conversions

Conversions Part 2

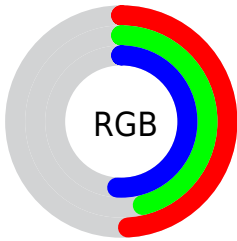
Format	Color
R_{YB}	124, 118, 130
Decimal	8156802
CIE _{Lab}	50.52, 4.72, -5.74
CIE _{LCh}	51, 7.432, 309.476
Yxy	18.8534, 0.3063, 0.3069
Android (android.graphics.Color)	4286346882 (0xFF7C7682)
YUV	121.1620, 4.3571, 2.4889
Hunter-Lab	43.4205, 1.3832, -2.0568

Details

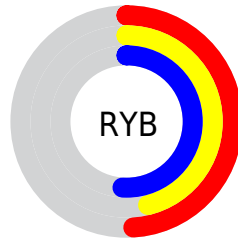
The YIQ color $121.1620, -0.2760, 5.0040$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $126.8380, 0.2760, -5.0040$, and the grayscale version is $121.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $173.5750, -0.0010, 5.5270$, and $72.7490, -0.5510, 4.4810$ is the 20% darker color. If you saturate the color by 10%, you get $111.7370, -0.2770, 10.5310$, and if you desaturate by 10%, it is $130.5870, -0.2750, -0.5230$.

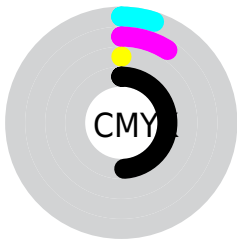
Distribution



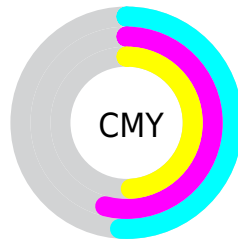
- Red (49%)
- Green (46%)
- Blue (51%)



- Red (49%)
- Yellow (46%)
- Blue (51%)



- Cyan (5%)
- Magenta (9%)
- Yellow (0%)
- Black (49%)



- Cyan (51%)
- Magenta (54%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.1620, -0.2760, 5.0040 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 121.1620, -0.2760, 5.0040 by changing the saturation by 10% instead.

■ 121.1620, -0.2760,
5.0040

■ 121.1620, -0.2760,
5.0040

■ 255.0000, -0.0000,
-0.0000

■ 96.1620, -0.2760,
5.0040

■ 173.5750, -0.0010,
5.5270

■ 72.7490, -0.5510,
4.4810

■ 200.5750, -0.0010,
5.5270

■ 50.0480, 0.0450,
4.6930

■ 228.6890, -0.3220,
5.8380

■ 29.2220, -0.5050,
3.6470

■ 254.4130, 0.2750,
0.5230

■ 4.1020, -0.0470,
6.3610

■ 0.0000, 0.0000,
0.0000

■ 121.1620, -0.2760,
5.0040

■ 121.1620, -0.2760,
5.0040

■ 111.7370, -0.2770,
10.5310

■ 130.5870, -0.2750,
-0.5230

■ 102.0130, -0.8740,
15.8460

■ 140.3110, 0.3220,
-5.8380

■ 92.5880, -0.8750,
21.3730

■ 149.7360, 0.3230,
-11.3650

■ 82.8640, -1.4720,
26.6880

■ 159.4600, 0.9200,
-16.6800

■ 73.4390, -1.4730,
32.2150

■ 168.8850, 0.9210,
-22.2070

■ 63.7150, -2.0700,
37.5300

■ 178.6090, 1.5180,
-27.5220

■ 54.2900, -2.0710,
43.0570

■ 188.0340, 1.5190,
-33.0490

■ 44.5660, -2.6680,

■ 197.7580, 2.1160,

48.3720

-38.3640

■ 35.1410, -2.6690,
53.8990

■ 207.1830, 2.1170,
-43.8910

Harmonies

Analogous

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



120.2860, -6.5570, 3.1950



121.1620, -0.2760, 5.0040



121.2120, 5.4550, 5.7670

Triad

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



121.1620, -0.2760, 5.0040



120.5620, 10.0410, -0.2550



118.0910, -10.6820, -4.6500

Complementary

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



121.1620, -0.2760, 5.0040



126.8380, 0.2760, -5.0040

Split Complementary

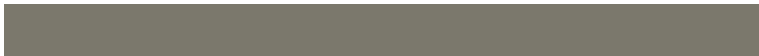
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



118.6030, -6.3720, -5.6680



121.1620, -0.2760, 5.0040



119.5290, 5.6400, -3.0960

Square

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



121.1620, -0.2760, 5.0040



121.2140, 11.1410, 1.8370



118.8380, 0.2760, -5.0040



118.7750, -12.6080, -2.7840

Rectangle

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



121.1620, -0.2760, 5.0040



121.6530, 8.5270, 5.1590



118.8380, 0.2760, -5.0040



118.1620, -9.4440, -5.0600

Sweetspot

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



121.1620, -0.2760, 5.0040



164.4670, 0.1830, 2.1910



122.8900, -5.5020, 0.5940



81.6410, -0.3670, 1.1450



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.



121.1620, -0.2760, 5.0040



154.7430, -0.4140, 7.5060



122.9560, 3.3000, 6.2760



58.9940, 0.1370, 3.0250



33.7280, -2.9440, 53.3760



0.0000, 0.0000, 0.0000

Inverse Universe

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



122.2720, 5.2260, 4.4100



156.4080, 7.8390, 6.6150



125.0440, -3.3000, -6.2760



59.5490, 2.8880, 2.7280



45.5680, 55.7440, 47.0400



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 121.1620, -0.2760, 5.0040 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 121.1620, -0.2760, 5.0040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

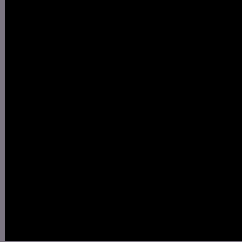
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 121.1620, -0.2760, 5.0040

Background



This preview shows how black text looks on a background with the YIQ color 121.1620, -0.2760, 5.0040.



This preview shows how white text looks on a background with the YIQ color 121.1620, -0.2760,

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

121.1620, -0.2760, 5.0040

Protanopia

120.3680, -3.8520, 3.7320

Deuteranopia

121.4720, 1.7870, 6.1630



Tritanopia

120.9340, 0.3660, 4.3820

Trichromacy



Original Color

121.1620, -0.2760, 5.0040

Protanomaly

120.9660, -2.6600, 4.1560

Deuteranomaly

121.1730, 1.1910, 5.9510

Tritanomaly

121.0480, 0.0450, 4.6930

Monochromacy



Original Color

121.1620, -0.2760, 5.0040

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

121.0540, -0.0920, 1.6680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.1620, -0.2760, 5.0040 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(124, 118, 130)` looks like.

```
.text, #text, p{  
    color:rgb(124, 118, 130)  
}
```

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(124, 118, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 118, 130) }
```

Border

The CSS property to change the border of an element to YIQ 121.1620, -0.2760, 5.0040 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(124, 118, 130) }
```


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

```
.border{ border-color:rgb(124, 118, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 118, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 118, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 118, 130);  
box-shadow:4px 4px 4px 4px rgb(124, 118,  
130) }
```

Background

The CSS property to change the background color of an element to YIQ 121.1620, -0.2760, 5.0040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 118, 130) }
```

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

```
.background{ background-color: rgb(124,  
118, 130) }
```

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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