

Converting Colors

YIQ(121.7160, 4.2160, 11.7040)

Have a look what the booklet for
YIQ(121.7160, 4.2160, 11.7040)
contains.

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Color

**YIQ(121.7160, 4.2160,
11.7040)**

Conversions

Conversions Part 1

Format	Color
Hex	857189
RGB	133, 113, 137
RGB Percent	52%, 44%, 54%
CMY	0.4784, 0.5569, 0.4627
CMYK	0.03, 0.18, 0.00, 0.46
HSL	290°, 10%, 49%
HSV	290°, 18%, 54%
XYZ	20.0949, 18.6024, 26.1982
YIQ	121.7160, 4.2160, 11.7040

Conversions

Conversions Part 2

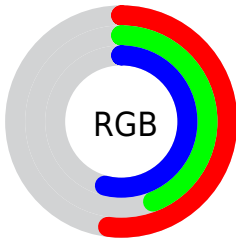
Format	Color
R_{YB}	133, 113, 137
Decimal	8745353
CIE Lab	50.22, 12.44, -10.22
CIE LCh	50, 16.102, 320.582
Yxy	18.6024, 0.3097, 0.2867
Android (android.graphics.Color)	4286935433 (0xFF857189)
YUV	121.7160, 7.5350, 9.8961
Hunter-Lab	43.1305, 7.6866, -5.8225

Details

The YIQ color $121.7160, 4.2160, 11.7040$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $128.2840, -4.2160, -11.7040$, and the grayscale version is $122.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $174.1290, 4.4910, 12.2270$, and $72.8900, 3.6660, 10.6580$ is the 20% darker color. If you saturate the color by 10%, you get $112.9000, 6.8740, 18.6020$, and if you desaturate by 10%, it is $130.5320, 1.5580, 4.8060$.

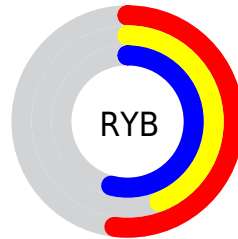
Distribution



Red (52%)

Green (44%)

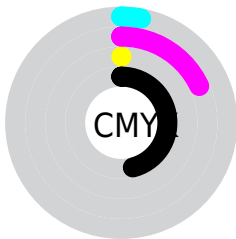
Blue (54%)



Red (52%)

Yellow (44%)

Blue (54%)

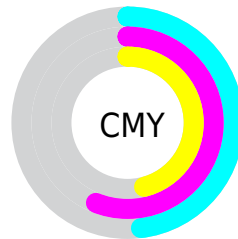


Cyan (3%)

Magenta (18%)

Yellow (0%)

Black (46%)



Cyan (48%)

Magenta (56%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.7160, 4.2160, 11.7040 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 121.7160, 4.2160, 11.7040 by changing the saturation by 10% instead.

■ 121.7160, 4.2160,
11.7040

■ 121.7160, 4.2160,
11.7040

■ 255.0000, -0.0000,
-0.0000

■ 96.7160, 4.2160,
11.7040

■ 174.1290, 4.4910,
12.2270

■ 72.8900, 3.6660,
10.6580

■ 201.5420, 4.7660,
12.7500

■ 50.4770, 3.3910,
10.1350

■ 229.6560, 4.4450,
13.0610

■ 29.0640, 3.1160,
9.6120

■ 250.8910, 1.9250,
3.6610

■ 8.1890, 4.2620,
10.8700

■ 0.0000, 0.0000,
0.0000

121.7160, 4.2160,
11.7040

121.7160, 4.2160,
11.7040

112.9000, 6.8740,
18.6020

130.5320, 1.5580,
4.8060

104.3720, 8.6610,
24.7650

139.0600, -0.2290,
-1.3570

95.5560, 11.3190,
31.6630

147.8760, -2.8870,
-8.2550

86.7400, 13.9770,
38.5610

156.6920, -5.5450,
-15.1530

77.9240, 16.6350,
45.4590

164.9210, -7.9280,
-21.5280

69.3960, 18.4220,
51.6220

174.0360, -9.9900,
-28.2140

60.5800, 21.0800,
58.5200

182.8520,
-12.6480, -35.1120

51.7640, 23.7380,

191.6680,

65.4180

-15.3060, -42.0100

■ 49.7040, 23.9670,
66.7750

■ 199.8970,
-17.6890, -48.3850

Harmonies

Analogous

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



119.8930, -9.5840, 8.4960



121.7160, 4.2160, 11.7040



121.7620, 15.7700, 11.5620

Triad

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



121.7160, 4.2160, 11.7040



119.3470, 17.8360, -3.8600



113.7730, -27.4620, -8.9180

Complementary

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



121.7160, 4.2160, 11.7040



128.2840, -4.2160, -11.7040

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.



114.5690, -18.2000, -11.5760



121.7160, 4.2160, 11.7040



118.2100, 7.7960, -9.1320

Square

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



121.7160, 4.2160, 11.7040



120.6730, 22.9700, 2.2180



116.0990, -5.1330, -11.6050



115.3370, -28.9300, -4.3380

Rectangle

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



121.7160, 4.2160, 11.7040



121.9320, 21.0430, 9.6110



116.0990, -5.1330, -11.6050



113.8010, -24.6650, -10.0490

Sweetspot

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



121.7160, 4.2160, 11.7040



173.1190, 1.2830, 4.2830



118.0840, -8.8040, 5.3720



85.7660, 0.7790, 2.4030



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



121.7160, 4.2160, 11.7040



154.6010, 6.2780, 18.3900



122.0000, 9.1680, 10.0640



64.5920, 1.3290, 3.4490



48.3510, 23.4630, 64.8950



1.7660, 0.7790, 2.4030

Inverse Universe

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



120.6320, 13.0200, 6.3320



153.0460, 20.7220, 9.9220



128.0000, -9.1680, -10.0640



64.2070, 3.8510, 1.7950



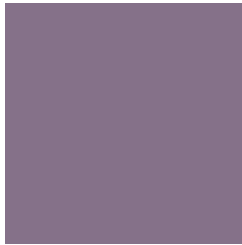
42.2750, 72.2060, 35.0380



1.6090, 2.6590, 1.3710

Previews

White Background



This preview shows how the YIQ color 121.7160, 4.2160, 11.7040 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 121.7160, 4.2160, 11.7040 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 121.7160, 4.2160, 11.7040

Background



This preview shows how black text looks on a background with the YIQ color 121.7160, 4.2160, 11.7040.



This preview shows how white text looks on a background with the YIQ color 121.7160, 4.2160,

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

121.7160, 4.2160, 11.7040

Protanopia

120.3120, -9.4460, 5.9940

Deuteranopia

120.9600, -2.5230, 7.1810



Tritanopia

120.8100, 6.6470, 6.1910

Trichromacy



Original Color

121.7160, 4.2160, 11.7040

Protanomaly

121.1170, -4.4030, 8.2130

Deuteranomaly

121.5690, 0.1360, 8.5520

Tritanomaly

121.0920, 5.9130, 8.4810

Monochromacy



Original Color

121.7160, 4.2160, 11.7040

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

122.0050, 1.6040, 3.9720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.7160, 4.2160, 11.7040 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(133, 113, 137)` looks like.

```
.text, #text, p{  
    color:rgb(133, 113, 137)  
}
```

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(133, 113, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 113, 137) }
```

Border

The CSS property to change the border of an element to YIQ 121.7160, 4.2160, 11.7040 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(133, 113, 137) }
```


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

```
.border{ border-color:rgb(133, 113, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 113, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 113, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 113, 137);  
box-shadow:4px 4px 4px 4px rgb(133, 113,  
137) }
```

Background

The CSS property to change the background color of an element to YIQ 121.7160, 4.2160, 11.7040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 113, 137) }
```

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

```
.background{ background-color: rgb(133,  
113, 137) }
```

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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